Of the Province of British Columbia

# Division of Vital Statistics

## One Hundred Eighteenth

# ANNUAL REPORT

# 1989

TOGETHER WE CARE

HONOURABLE JOHN JANSEN
MINISTER OF HEALTH AND
MINISTER RESPONSIBLE FOR SENIORS

91-03215/

British Columbia Cataloguing in Publication Data

Main entry under title:
Vital Statistics of the Province of British Columbia.—
73rd (1944)-
Annual.
Continues: British Columbia. Division of Vital Statistics. Report of vital statistics of the Province of British Columbia.
Report year ends Dec. 31.
Some years issued together.
Imprint varies: Provincial Board of Health, 1944-1946; Dept. of Health and Welfare, 1947-1958; Dept. of Health Services and Hospital Insurance, 1959-1972 ; Dept. of Health, 1973-1975 ; Ministry of Health, 1976-
ISSN 0702-9446 = Vital Statistics of the Province of British Columbia.

1.British Columbia - Statistics, Vital. I. British Columbia. Division of Vital Statistics. II. British Columbia. Provincial Board of Health. III. British Columbia. Dept. of Health and Welfare. IV. British Columbia. Dept. of Health Services and Hospital Insurance. V. British Columbia. Dept. of Health. VI. British Columbia. Ministry of Health.
HA747.B7V57 304.6'09711'021

Rev. Aug. 1989

# FOREWORD



The Division of Vital Statistics has entered a new period of development and service.

In the interests of improving service delivery to the public, the Division has recently opened two new regional offices in Kelowna and Prince George. Additionally, the increased usage of government agents, hospitals and funeral directors has simplified the registration, certificate production process and improved service delivery.

Furthermore, we have enhanced the research function within the Division and as a result, have been able to produce a variety of new products, programs and research services. The potential that lies in vital and biostatistical data as a research or planning tool is clearly demonstrated in most aspects of this report.

This year's report is much expanded over previous years and has incorporated new features as a result of requests from users of vital statistics information. In particular, tables and maps depicting provincial and comparative regional measures of vital statistics data, such as Potential Years of Life Lost, Standard Mortality Ratios and Age Standardized Mortality Rates, are provided. In some instances, statistically significant variations are noted. In all, over 90 tables, figures and maps are presented.

Readers should be cautious not to draw hasty conclusions about longer-term health trends from data that may be based on short-term information or a small number of cases. For more in-depth information readers are advised to contact the Research and Statistics Branch of the Division.

Vital Statistics data are of interest to most individuals in one form or another. If the information that you require is not contained within the following pages, contact the Division and we may be able to offer further assistance.

L.T. Foster
Assistant Deputy Minister
Management Operations

R.J. Danderfer
Director
Division of Vital Statistics

# TABLE OF CONTENTS




Page

I. INTRODUCTION ..... 1

II. SERVICES PROVIDED BY THE DIVISION ..... 3

Figure 1. Registration of Events by Month, British Columbia, 1989 ..... 4

Figure 2. Certificates Issued by Month, British Columbia, 1989 ..... 4

Table 1. Ministers and Clergymen on Register by Religious Denomination, British Columbia, 1989 ..... 5

Table 2. Marriage Commissioners on Register by Type as of December 31, British Columbia, 1989 ..... 5

III. VITAL EVENTS SUMMARY ..... 6

Table 3. Live Births, Deaths, Marriages and Stillbirths, British Columbia, 1950 - 1989 ..... 7

Figure 3. Crude Rates of Live Births, Deaths, Marriages and Stillbirths, British Columbia, 1950 - 1989 ..... 8

Table 4. Live Births, Deaths, Marriages and Stillbirths by Month, British Columbia, 1989 ..... 9

Figure 4. Live Births, Deaths and Marriages by Month, British Columbia, 1989 ..... 9

Table 5. Live Births and Deaths by Usual Residence and Marriages by Event Place for Selected Cities within Health Units, British Columbia, 1989 ..... 10

IV. BIRTH STATISTICS SUMMARY ..... 17

Table 6. Live Births by Age of Mother and Birth Order, British Columbia, 1989 ..... 18

Table 7. Live Births by Age of Mother, Kind of Birth and Out of Wedlock Births, British Columbia, 1989 ..... 19

Table 8. Live Births by Mode of Delivery and Age of Mother, British Columbia, 1989 ..... 19

Table 9. Births by Age of Father and Mother, British Columbia, 1989 ..... 20

Figure 5. Births by Age of Father and Mother, British Columbia, 1989 ..... 20

Table 10. Live Births by APGAR Scores at 1- and 5-Minutes, British Columbia, 1989 ..... 21

Table 11. Live Births by Age of Mother and 5-Minute APGAR Score, British Columbia, 1989 ..... 21

Table 12. Live Birth Fertility Rates by Health Unit, British Columbia, 1989 ..... 22

Figure 6. Live Birth General Fertility Rates by Health Unit, British Columbia, 1989 (Map) ..... 23

Table 13. Live Births by Birth Weight and Gestational Age, British Columbia, 1989 ..... 24

Table 14. Live Births by Birth Weight and Age of Mother, British Columbia, 1989 ..... 25

Table 15. Low Birth Weight Live Births by Gestational Age and Health Unit, British Columbia, 1989 ..... 26

Table 16. Low Birth Weight Live Births by Age of Mother, British Columbia, 1980 - 1989 ..... 27

Figure 7. Trends of Low Birth Weight Live Births by Age of Mother, British Columbia, 1980 - 1989 ..... 27

Table 17. Low Birth Weight Live Births by Age of Mother and Birth Order, British Columbia, 1989 ..... 28

Figure 8. Low Birth Weight Live Births by Age of Mother, British Columbia, 1989 ..... 28

Table 18. Birth Weight by Gestational Age for Normal Live Born Infants, British Columbia, 1979 - 1988 ..... 29

Figure 9. Birth Weight by Gestational Age for Normal Live Born Infants, British Columbia, 1979 - 1988 ..... 29

Table 19. Babies' Most Popular Names, British Columbia, 1989 ..... 30

**V. MARRIAGE STATISTICS SUMMARY ..... 31**

Table 20. Marriages by Marital Status of Bride and Groom, British Columbia, 1989 ..... 31

Table 21. Marriages by Age of Bride and Groom, British Columbia, 1989 ..... 31

Table 22. Average Age of Bride and Groom, British Columbia, 1977 - 1989 ..... 32

Figure 10. Trends of Average Age of Bride and Groom, British Columbia, 1977 - 1989 ..... 32

**VI. DEATH STATISTICS SUMMARY ..... 33**

Table 23. Cause of Death by Age and Sex, British Columbia, 1989 ..... 34

Table 24. Twelve Leading Causes of Death, British Columbia, 1988 - 1989 ..... 35

Figure 11. First Leading Cause of Death - Diseases of the Heart, by Contributing Factors (for both sexes), British Columbia, 1989 ..... 36

Table 25. Leading Causes of Death by Age Groups, British Columbia, 1989 ..... 37

Table 26. Trends of Infant Mortality, British Columbia, 1960 - 1989 ..... 38

Figure 12. Trends of Infant Mortality, British Columbia, 1960 - 1989 ..... 38

Table 27. Infant Mortality by Age of Mother and Birth Order, British Columbia, 1989 ..... 39

Figure 13. Infant Mortality by Age of Mother and Birth Order, British Columbia, 1989 ..... 39

Table 28. Infant Mortality and Stillbirths by Health Unit, British Columbia, 1989 ..... 40

Table 29. Infant Mortality by Age of Mother and Birth Weight, British Columbia, 1989 ..... 41

Table 30. Infant Mortality by Gestational Age and Birth Weight, British Columbia, 1989 ..... 42

Table 31. AIDS and HIV Related Deaths by Age and Sex, British Columbia, 1988 - 1989 ..... 42

Figure 14. AIDS and HIV Related Deaths by Age Group, British Columbia, 1988 - 1989 ..... 42

Figure 15. AIDS and HIV Related Deaths by Contributing Factors, British Columbia, 1988 - 1989 ..... 43

Table 32. Standardized Mortality Ratio by Health Unit for All Causes of Death, British Columbia, 1989 ..... 44

Figure 16A. Standardized Mortality Ratios by Health Unit for All Causes of Death - Male, British Columbia, 1989 (Map) ..... 45

Figure 16B. Standardized Mortality Ratios by Health Unit for All Causes of Death - Female, British Columbia, 1989 (Map) ..... 46

Table 33. Potential Years of Life Lost and Age Standardized Mortality Rates by Causes of Death, British Columbia, 1989 ..... 47

Figure 17. Potential Years of Life Lost and Age Standardized Mortality Rates by Selected Causes of Death, British Columbia, 1989 ..... 48

Table 34. Potential Years of Life Lost by Age Group, Major Causes of Death (Age Under 75 Years), British Columbia, 1989 ..... 49

Figure 18. Potential Years of Life Lost by Sex and Age Group For Selected Causes of Death, British Columbia, 1989 ..... 50

Table 35. Potential Years of Life Lost by Health Unit, All Causes of Death (Age Under 75 Years), British Columbia, 1989 ..... 51

Figure 19A. Potential Years of Life Lost by Health Unit, All Causes of Death - Male (Age Under 75 Years), British Columbia, 1989 (Map) ..... 52

Figure 19B. Potential Years of Life Lost by Health Unit, All Causes of Death - Female (Age Under 75 Years), British Columbia, 1989 (Map) ..... 53

Table 36. Deaths by External Causes Resulting from Accidents and Violence, British Columbia, 1985 - 1989 ..... 54

Table 37. Motor Vehicle Accidental Deaths by Health Unit, British Columbia, 1989 ..... 55

Figure 20A. Motor Vehicle Accidental Deaths by Health Unit - Male, British Columbia, 1989 (Map) ..... 56

Figure 20B. Motor Vehicle Accidental Deaths by Health Unit - Female, British Columbia, 1989 (Map) ..... 57

Table 38. Motor Vehicle Accidental Deaths by Month, British Columbia, 1989 ..... 58

Figure 21. Motor Vehicle Accidental Deaths by Month, British Columbia, 1989 ..... 58

Table 39. Motor Vehicle Accidental Deaths by Type of Injury, British Columbia, 1989 ..... 59

Figure 22. Motor Vehicle Accidental Deaths by Type of Injury, British Columbia, 1989 ..... 59

Table 40. Motor Vehicle Accidental Deaths by Decedent's Association to Vehicle Prior to Death, British Columbia, 1989 ..... 60

Figure 23. Motor Vehicle Accidental Deaths by Decedent's Association to Vehicle Prior to Death, British Columbia, 1989 ..... 60

Table 41. Method of Disposition of Decedent, British Columbia, 1985 - 1989 ..... 61

**VII. HEALTH SURVEILLANCE REGISTRY SUMMARY ..... 62**

Table 42. Number of Cases Reported to the Health Surveillance Registry in 1989 by Reporting Source. ..... 63

Table 43. Number of Live Cases on the Health Surveillance Registry by Health Unit of Residence, Sex and Age Group at Year End, British Columbia, 1989 ..... 64

Table 44. Numbers and Rates of Selected Congenital Anomalies in British Columbia, 1979 - 1988, as Recorded to Year End, 1989 ..... 65

Table 45. Frequency of Selected Disabilities in Persons Living in British Columbia as Recorded to Year End, 1989 ..... 66

**Glossary** (Methods, Terms and Information)

**Appendix 1.** Detailed Cause of Death by Sex and Age-Group, British Columbia, 1989

**Appendix 2.** Potential Years of Life Lost by Health Unit, British Columbia, 1989

# I. INTRODUCTION





This publication is a summary of selected statistics collected by the Division of Vital Statistics in British Columbia for the calendar year of 1989.

The Division of Vital Statistics is responsible for the ascertainment, registration and certification of vital events through the administration of the Vital Statistics Act, Marriage Act, Name Act, and Part II of Wills Act. Statistical information such as is contained in this annual report, is provided by the Division for use in government operations, research and for general interest. Personally identifiable information, however, is only disclosed within strict statutory constraints in order to maintain confidentiality.

Birth, death, marriage and name change statistics in this report do not include events for British Columbia residents which occurred outside of the province. Conversely, events occurring in the Province pertinent to non-residents are not included in this report. These adjustments are made by Statistics Canada and are reflected in its publications.

Data presented in this report are based on notification of birth, stillbirth, death and marriage events as reported to the Division of Vital Statistics.

Definition and registration requirements for each type of event are outlined briefly as follows:

**Births** - The Vital Statistics Act prescribes the legal requirements for the registration of births. A birth is defined by the Act as "the complete expulsion or extraction from its mother, irrespective of the duration of the pregnancy, of a product of conception in which ... there is:

(a) breathing;
(b) beating of the heart;
(c) pulsation of the umbilical cord; or
(d) unmistakable movement of voluntary muscle."

A Physician's Notice of Birth must be completed for every birth in the province where there is a physician in attendance. The responsibility for filing the completed registration of birth lies with the parent, and the Act requires the registration of the birth within 30 days of the event.

**Stillbirths** - "Stillbirth" means "the complete expulsion or extraction from its mother after at least 20 weeks' pregnancy, or after attaining a weight of at least 500 grams, of a product of conception in which, after the expulsion or extraction, there is no breathing, beating of the heart, pulsation of the umbilical cord or unmistakable movement of voluntary muscle."

**Deaths** - The physician in attendance at the last illness of a deceased person, or the coroner conducting an inquiry into the death of a person, is required to complete a Medical Certificate of Death. The funeral director obtains the medical certificate of death and presents it, along with the completed death registration form, to the Division of Vital Statistics. The death must be registered before a burial permit can be issued.

According to the Vital Statistics Act, the cause of death as recorded on the medical certificate of death cannot be disclosed except on the authority in writing of the deputy minister or on the order of a court. However, non-personally identifiable statistics which classify deaths may be disclosed. The cause

of death is coded according to the Ninth Revision of the International Classification of Diseases (ICD9), a manual of the international classification of diseases, injuries, and causes of death. This version of the classification system has been used in British Columbia since 1979, and it is widely used and accepted in Canada as well as in other countries.

**Marriage** - The Marriage Act prescribes the legal requirements which must be observed in connection with the solemnization of marriage, the legal qualifications of individuals to marry, and the authorization of ministers, clergymen and Marriage Commissioners to perform the marriage ceremony. Under this Act the Division of Vital Statistics is required to license ministers and clergymen of established religious denominations who desire the authority to solemnize marriage. It is also the responsibility of the Division to recommend for appointment Issuers of Marriage Licenses throughout the province and to supervise their work. The actual registration of marriages solemnized in the province and the issuance of marriage certificates are governed by the Vital Statistics Act.

# II. SERVICES PROVIDED BY THE DIVISION





The primary purpose of the Division is the ascertainment and registration of births, deaths and marriages, as well as the issuance of certificates related to those events. In addition, the Division maintains special purpose registries for registering cases of congenital anomalies and various handicapping conditions, maintaining records of adopted children and natural parents wishing to establish contact, and for the filing of wills notices.

Other services provided by the Division include:

- issuance of marriage licences;
- appointing and training of individuals to act as District Registrars, Marriage Licence Issuers and Marriage Commissioners;
- performance of civil marriage ceremonies;
- legal change of name;
- special verification of details related to birth, death and marriage events;
- searches of the Wills Registry for wills notices;
- genealogical tracing;
- statistical and research services for various government programs, universities and some special interest research groups;
- responding to a variety of public inquiries and providing relevant data and information as appropriate.

Vital Statistics services can be obtained at Vital Statistics offices in Victoria, Vancouver, Kelowna and Prince George and through Government Agents located throughout the province. In some locations District Registrar services are provided through municipal or town halls, hospitals or by private individuals. In addition to government outlets, marriage licenses can be obtained from independent marriage licence issuers, (civil marriage ceremonies can be performed by private marriage commissioners) and in most locations, death certificates can be provided by funeral homes.

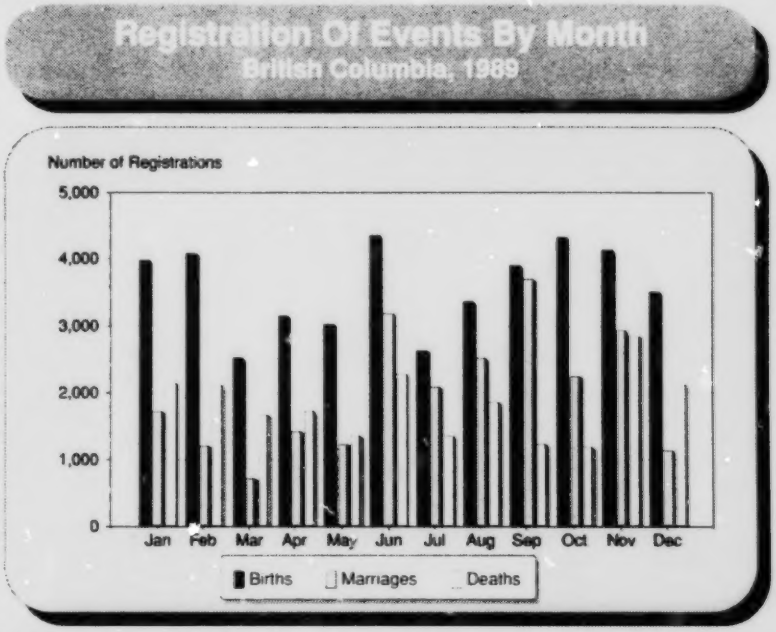
**Figure 1**

The number of events registered by the Division of Vital Statistics on a monthly basis during 1989 is depicted in Figure 1. Total number of registrations for each event during the year 1989 were the following:

Birth Registrations
- 42,626

Marriage Registrations
- 24,606

Death Registrations
- 23,263




*Note: The number of registrations is different than the number of occurances because of time delays in registering events.*

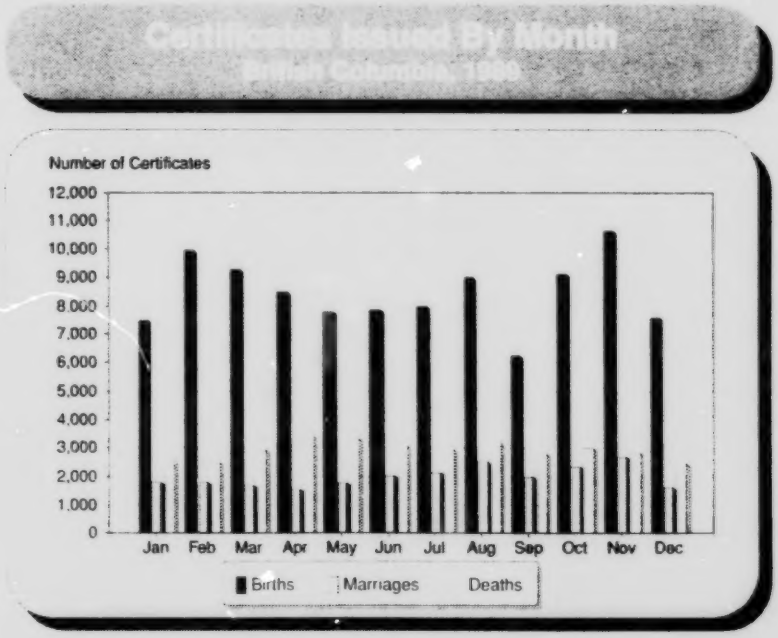
**Figure 2**

The number of certificates issued by the Division of Vital Statistics on a monthly basis during 1989 is depicted in Figure 2. Total number of certificates issued for each event during the year 1989 were the following:

Birth Certificates
- 107,588

Marriage Certificates
- 25,921

Death Certificates
- 35,041



## Table 1

### Ministers And Clergymen On Register By Religious Denomination
British Columbia, 1989

| Denomination | Number |
|---|---|
| United Church | 513 |
| Catholic | 442 |
| Baptist | 430 |
| Anglican | 416 |
| Pentecostal | 331 |
| Mennonite | 238 |
| Churches of Christ | 209 |
| Lutheran | 190 |
| Minister's Association | 176 |
| Evangelical | 164 |
| Latter-day Saints | 148 |
| Missionaries' Alliance | 134 |
| Salvation Army | 126 |
| Presbyterian | 123 |
| Apostolic | 104 |
| Seventh-Day Adventists | 95 |
| Reformed | 91 |
| Jehovah's Witnesses | 82 |
| Gospel | 79 |
| Churches of God | 74 |
| Christian Brethren | 64 |
| Churches of Christ | 55 |
| Nazarene | 52 |
| Convention of Faith | 48 |
| Spiritualist | 27 |
| Unitarian | 26 |
| Sikh | 26 |
| Methodist | 25 |
| Glad Tidings | 24 |
| Orthodox | 23 |
| Khalsa Diwan | 22 |
| Others | 63 |
| **TOTAL** | **4620** |

Note: Denominations/groups with less than 20 ministers included in "Others"

Recognized religious bodies, under the authority of the Marriage Act, can appoint one or more individuals to perform marriages in British Columbia.

## Table 2

| Type of Commissioner | Number |
|---|---|
| Private Commissioner | 173 |
| Public Servant | 79 |
| **TOTAL** | **252** |

In addition to clergy, private marriage commissioners and appointed public servants can perform marriages in British Columbia. The Division is committed to replacing public servants with private marriage commissioners and increasing services to all communities.

# III. VITAL EVENTS SUMMARY

The three primary sources of data for the Division of Vital Statistics originate with the registration of births, deaths and marriages which are prepared and submitted to the Division by parents, clergy, marriage commissioners, physicians, coroners and funeral directors. In addition to personal information which is collected to allow the Division to issue certificates of birth, marriage and death, registration documents also provide us with information pertaining to vital events which assists provincial and municipal governments, health care providers and health care economic planners, by providing statistical information in analysing trends and developing plans for the future. Some of the key statistics for 1989 relating to vital events are:

- 43,525 live births occurred to British Columbia residents in 1989. Although this represents an increase of 1.9% over 1988, there was no increase from 1988 in the live birth rate of 14.3 per 1,000 population;

- 22,776 deaths occurred in 1989. This represents an increase of 2.3% from the 22,265 registered in 1988, but does not result in an increase from the crude rate of 7.5 per 1,000 population reported in 1988;

- 25,154 marriages were solemnized in the Province. This represents an increase in number of 2.8% over 1988 and is reflected in a crude rate increase from 8.2 to 8.3 per 1,000 population;

- 312 stillbirths occurred which represent an increase of 15 (5.1%) from 1988 and is reflected in an increase in the crude rate of stillbirths per 1,000 total births from 6.9 to 7.1.

Table 3

## Live Births, Deaths, Marriages And Stillbirths
### British Columbia, 1950 - 1989

| Year | Mid-Year Population | Live Births Number | Live Births Rate | Deaths Number | Deaths Rate | Marriages Number | Marriages Rate | Stillbirths Number | Stillbirths Rate |
|---|---|---|---|---|---|---|---|---|---|
| 1950 | 1,137,000 | 27,116 | 23.8 | 11,581 | 10.2 | 11,110 | 9.8 | 369 | 13.4 |
| 1951 | 1,165,210 | 28,077 | 24.1 | 11,638 | 10.0 | 11,272 | 9.7 | 365 | 12.8 |
| 1952 | 1,205,000 | 29,827 | 24.8 | 12,080 | 10.0 | 11,081 | 9.2 | 375 | 12.4 |
| 1953 | 1,249,000 | 31,746 | 25.4 | 12,218 | 9.8 | 11,298 | 9.1 | 375 | 11.7 |
| 1954 | 1,295,000 | 32,946 | 25.4 | 12,414 | 9.6 | 10,991 | 8.5 | 373 | 11.2 |
| 1955 | 1,342,000 | 34,138 | 25.4 | 12,816 | 9.5 | 11,011 | 8.2 | 381 | 11.0 |
| 1956 | 1,398,464 | 36,241 | 25.9 | 13,415 | 9.6 | 11,950 | 8.5 | 413 | 11.3 |
| 1957 | 1,482,000 | 38,744 | 26.1 | 13,711 | 9.3 | 12,620 | 8.5 | 422 | 10.8 |
| 1958 | 1,538,000 | 39,577 | 25.7 | 13,741 | 8.9 | 12,094 | 7.9 | 414 | 10.4 |
| 1959 | 1,567,000 | 39,971 | 25.5 | 14,336 | 9.1 | 11,910 | 7.6 | 404 | 10.0 |
| 1960 | 1,602,000 | 40,116 | 25.0 | 14,696 | 9.2 | 11,203 | 7.0 | 437 | 10.8 |
| 1961 | 1,629,100 | 38,591 | 23.7 | 14,403 | 8.8 | 10,935 | 6.7 | 410 | 10.5 |
| 1962 | 1,660,000 | 38,128 | 23.0 | 14,912 | 9.0 | 11,196 | 6.7 | 377 | 9.8 |
| 1963 | 1,699,000 | 37,478 | 22.1 | 15,029 | 8.8 | 11,677 | 6.9 | 476 | 12.5 |
| 1964 | 1,745,000 | 35,897 | 20.6 | 16,051 | 9.2 | 12,158 | 7.0 | 485 | 13.3 |
| 1965 | 1,797,000 | 33,669 | 18.7 | 15,784 | 8.8 | 13,639 | 7.6 | 447 | 13.1 |
| 1966 | 1,873,674 | 32,502 | 17.3 | 16,290 | 8.7 | 14,682 | 7.8 | 409 | 12.4 |
| 1967 | 1,945,000 | 32,899 | 16.9 | 16,170 | 8.3 | 16,026 | 8.2 | 422 | 12.7 |
| 1968 | 2,003,000 | 33,687 | 16.8 | 16,828 | 8.4 | 16,914 | 8.4 | 433 | 12.7 |
| 1969 | 2,060,000 | 35,383 | 17.2 | 17,377 | 8.4 | 18,284 | 8.9 | 468 | 13.1 |
| 1970 | 2,128,000 | 36,861 | 17.3 | 17,020 | 8.0 | 20,020 | 9.4 | 407 | 10.9 |
| 1971 | 2,184,620 | 34,852 | 16.0 | 17,783 | 8.1 | 20,389 | 9.3 | 442 | 12.5 |
| 1972 | 2,241,400 | 34,563 | 15.4 | 18,021 | 8.0 | 20,659 | 9.2 | 356 | 10.2 |
| 1973 | 2,302,400 | 34,352 | 14.9 | 18,095 | 7.9 | 21,303 | 9.3 | 339 | 9.8 |
| 1974 | 2,375,700 | 35,450 | 14.9 | 19,177 | 8.1 | 21,734 | 9.1 | 364 | 10.2 |
| 1975 | 2,433,200 | 36,281 | 14.9 | 19,151 | 7.9 | 21,824 | 9.0 | 414 | 11.3 |
| 1976 | 2,466,610 | 35,848 | 14.5 | 18,788 | 7.6 | 21,536 | 8.7 | 361 | 10.0 |
| 1977 | 2,493,800 | 36,691 | 14.7 | 18,021 | 7.2 | 21,156 | 8.5 | 330 | 8.9 |
| 1978 | 2,530,100 | 37,231 | 14.7 | 19,057 | 7.5 | 21,388 | 8.5 | 331 | 8.8 |
| 1979 | 2,571,200 | 38,432 | 14.9 | 19,204 | 7.5 | 22,087 | 8.6 | 313 | 8.1 |
| 1980 | 2,640,100 | 40,104 | 15.2 | 19,371 | 7.3 | 23,830 | 9.0 | 316 | 7.8 |
| 1981 | 2,744,470 | 41,679 | 15.2 | 19,857 | 7.2 | 24,694 | 9.0 | 371 | 8.8 |
| 1982 | 2,787,700 | 42,942 | 15.4 | 20,704 | 7.4 | 23,831 | 8.5 | 317 | 7.3 |
| 1983 | 2,813,800 | 43,047 | 15.3 | 19,895 | 7.1 | 23,692 | 8.4 | 310 | 7.1 |
| 1984 | 2,847,700 | 44,040 | 15.5 | 20,781 | 7.3 | 23,394 | 8.2 | 303 | 6.8 |
| 1985 | 2,870,100 | 42,747 | 14.9 | 21,404 | 7.5 | 22,270 | 7.8 | 332 | 7.7 |
| 1986 | 2,889,205 | 41,812 | 14.5 | 21,351 | 7.4 | 21,819 | 7.6 | 302 | 7.2 |
| 1987 | 2,925,700 | 41,595 | 14.2 | 21,571 | 7.4 | 23,377 | 8.0 | 292 | 7.0 |
| 1988 | 2,984,000 | 42,732 | 14.3 | 22,265 | 7.5 | 24,469 | 8.2 | 297 | 6.9 |
| 1989 | 3,047,244 | 43,525 | 14.3 | 22,776 | 7.5 | 25,154 | 8.3 | 312 | 7.1 |

NOTE: Rates are crude rates per 1,000 population.
Stillbirth rates are per 1,000 total births.
Population information is from Statistics Canada.

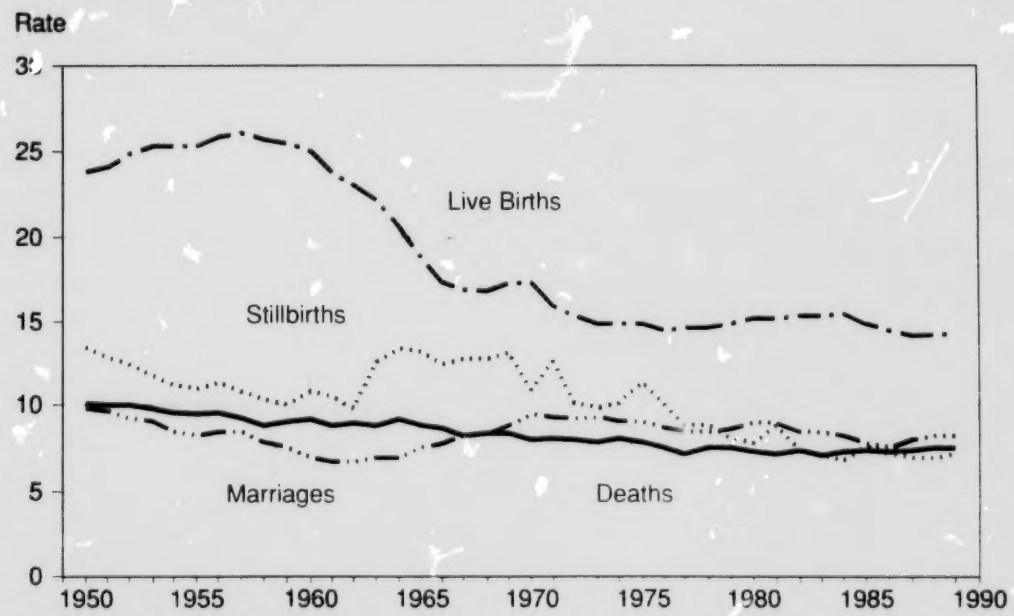
* *See Figure 3 (page 8) for a graph of the above rates.*

While the crude rates for live births, deaths, marriages and stillbirths have been declining during the period 1950 - 1989, it can be noted that the live birth rate has shown the greatest amount of decrease.



**Figure 3**

## Crude Rates of Live Births, Deaths, Marriages, And Stillbirths
### British Columbia, 1950-1989




- Rates per 1,000 population.
- Stillbirth rate per 1,000 total births.

**Table 4**

## Live Births, Deaths, Marriages And Stillbirths By Month
British Columbia, 1989

| Month | Live Births Number | Live Births Percent | Deaths Number | Deaths Percent | Marriages Number | Marriages Percent | Stillbirths Number | Stillbirths Percent |
|---|---|---|---|---|---|---|---|---|
| January | 3,457 | 7.9 | 2,139 | 9.4 | 808 | 3.2 | 32 | 10.3 |
| February | 3,150 | 7.2 | 1,834 | 8.1 | 1,082 | 4.3 | 21 | 6.7 |
| March | 3,716 | 8.5 | 1,981 | 8.7 | 1,421 | 5.6 | 34 | 10.9 |
| April | 3,736 | 8.6 | 1,814 | 8.0 | 1,722 | 6.8 | 32 | 10.3 |
| May | 3,973 | 9.1 | 1,825 | 8.0 | 2,444 | 9.7 | 27 | 8.7 |
| June | 3,789 | 8.7 | 1,909 | 8.4 | 2,422 | 9.6 | 25 | 8.0 |
| July | 3,742 | 8.6 | 1,836 | 8.1 | 3,532 | 14.0 | 21 | 6.7 |
| August | 3,702 | 8.5 | 1,836 | 8.1 | 3,813 | 15.2 | 27 | 8.7 |
| September | 3,611 | 8.3 | 1,726 | 7.6 | 3,053 | 12.1 | 26 | 8.3 |
| October | 3,565 | 8.2 | 1,860 | 8.2 | 1,777 | 7.1 | 26 | 8.3 |
| November | 3,485 | 8.0 | 1,893 | 8.3 | 1,335 | 5.3 | 25 | 8.0 |
| December | 3,599 | 8.3 | 2,123 | 9.3 | 1,745 | 6.9 | 16 | 5.1 |
| TOTAL | 43,525 | 100.0 | 22,776 | 100.0 | 25,154 | 100.0 | 312 | 100.0 |

NOTE: Non-residents are excluded.

As in the previous year, the most popular months for marriages in 1989 were July, August and September, with January being the least popular month. Figure 4 illustrates the seasonal variation in marriages as compared to live births and deaths which remain relatively constant over the year.

**Figure 4**

## Live Births, Deaths, And Marriages By Month
British Columbia, 1989

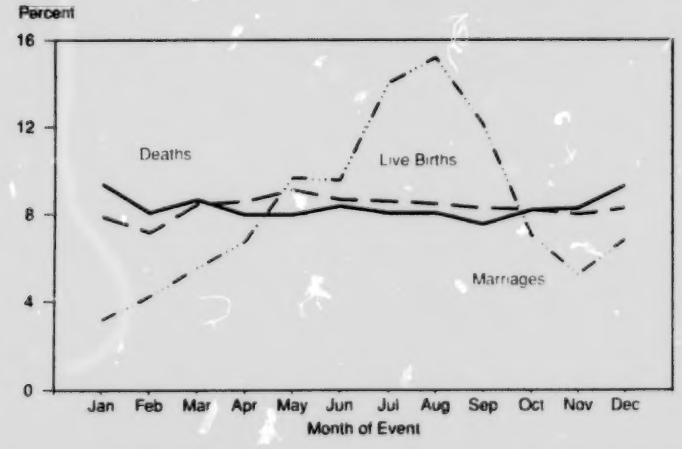


Table 5

# Live Births And Deaths By Usual Residence And Marriages By Event Place For Selected Cities Within Health Units

British Columbia, 1969

| Health Unit/City/Town | Births | Deaths | Marriages |
|---|---|---|---|
| **01 EAST KOOTENAY** | **( 922)** | **( 411)** | **( 487)** |
| Alkali Lake | 11 | 4 | - |
| Canal Flats | 15 | 7 | 2 |
| Canyon | 11 | 2 | 3 |
| Cranbrook | 278 | 113 | 137 |
| Crawford Bay | 4 | 1 | 7 |
| Creston | 91 | 80 | 55 |
| Edgewater | 9 | - | 2 |
| Elkford | 42 | 3 | 5 |
| Erickson | 4 | 18 | 6 |
| Fernie | 84 | 41 | 48 |
| Field | 1 | - | 18 |
| Fort Steele | 4 | 2 | 11 |
| Golden | 96 | 25 | 48 |
| Invermere | 25 | 8 | 31 |
| Jaffray | 10 | 6 | 2 |
| Kimberley | 55 | 48 | 51 |
| Lister | 15 | 2 | - |
| Marysville | 19 | 10 | - |
| Radium Hot Springs | 7 | - | 7 |
| Sparwood | 51 | 12 | 18 |
| Windermere | 5 | 1 | 7 |
| Wynndel | 14 | 4 | 2 |
| OTHER | 71 | 24 | 27 |

| | | | |
|---|---|---|---|
| **02 CENTRAL KOOTENAY** | **( 832)** | **( 613)** | **( 502)** |
| Castlegar | 112 | 72 | 60 |
| Christina Lake | 6 | 8 | 6 |
| Crescent valley | 6 | 10 | 4 |
| Fruitvale | 58 | 23 | 14 |
| Genelle | 8 | 5 | - |
| Grand Forks | 81 | 74 | 45 |
| Greenwood | 8 | 12 | 7 |
| Kaslo | 20 | 12 | 9 |
| Montrose | 4 | 6 | 1 |
| Nakusp | 18 | 16 | 10 |
| Nelson | 155 | 114 | 120 |
| New Denver | 10 | 13 | 2 |
| Robson | 14 | 7 | 3 |
| Rock Creek | 10 | 5 | 2 |
| Rossland | 65 | 35 | 44 |
| Salmo | 14 | 11 | 10 |
| Slocan | 10 | 3 | 1 |
| South Slocan | 7 | 3 | 4 |
| Trail | 110 | 122 | 93 |
| Westbridge | 7 | 4 | 2 |
| Winlaw | 13 | 7 | 4 |
| OTHER | 96 | 51 | 61 |

(Continued)

*"Selected Cities" is a "catchall" term that also includes municipalities, towns, villages, etc.*

Table 5 (cont'd)

# Live Births And Deaths By Usual Residence And Marriages By Event Place For Selected Cities Within Health Units

British Columbia, 1989

| Health Unit/City/Town | Births | Deaths | Marriages |
|---|---|---|---|
| **04 NORTH OKANAGAN** | **(1,117)** | **( 676)** | **( 719)** |
| Armstrong | 98 | 49 | 48 |
| Enderby | 53 | 44 | 38 |
| Falkland | 11 | 9 | 8 |
| Grindrod | 8 | 5 | 4 |
| Lavington | 9 | 4 | 2 |
| Lumby | 62 | 18 | 20 |
| Malakwa | 7 | 1 | 3 |
| Mara | 10 | 6 | 2 |
| Revelstoke | 121 | 51 | 57 |
| Salmon Arm | 166 | 124 | 125 |
| Sicamous | 44 | 10 | 22 |
| Sorrento | 19 | 17 | 13 |
| Tappen | 19 | 5 | 7 |
| Vernon | 461 | 310 | 334 |
| OTHER | 29 | 23 | 36 |

| | | | |
|---|---|---|---|
| **05 SOUTH OKANAGAN** | **(1,837)** | **(1,497)** | **(1,258)** |
| Cawston | 11 | 6 | 3 |
| Kaleden | 14 | 9 | 9 |
| Kelowna | 905 | 707 | 700 |
| Keremeos | 16 | 27 | 9 |
| Naramata | 22 | 10 | 16 |
| Okanagan Falls | 32 | 22 | 17 |
| Oliver | 74 | 92 | 39 |
| Osoyoos | 50 | 63 | 29 |
| Oyama | 17 | 9 | 11 |
| Peachland | 27 | 23 | 28 |
| Penticton | 312 | 279 | 233 |
| Princeton | 49 | 43 | 20 |
| Summerland | 84 | 89 | 59 |
| Westbank | 140 | 63 | 49 |
| Winfield | 72 | 40 | 26 |
| OTHER | 12 | 15 | 10 |

| | | | |
|---|---|---|---|
| **06 SOUTH CENTRAL** | **(1,459)** | **( 656)** | **( 754)** |
| Ashcroft | 34 | 19 | 21 |
| Barriere | 35 | 13 | 16 |
| Cache Creek | 34 | 3 | 8 |
| Chase | 41 | 33 | 16 |
| Clearwater | 63 | 16 | 24 |
| Clinton | 14 | 7 | 8 |
| Kamloops | 874 | 412 | 519 |
| Lillooet | 65 | 21 | 26 |
| Logan Lake | 12 | 5 | 12 |
| Lower Nicola | 11 | 4 | 4 |
| Lytton | 19 | 11 | 5 |
| Merritt | 128 | 53 | 40 |
| Monte Creek | 4 | - | 10 |
| Pritchard | 5 | 8 | 4 |
| Vavenby | 13 | 3 | - |
| 70 Mile House | 7 | 5 | 3 |
| OTHER | 100 | 43 | 38 |

(Continued)

*"Selected Cities" is a "catchall" term that also includes municipalities, towns, villages, etc.*

Table 5 (cont'd)

# Live Births And Deaths By Usual Residence And Marriages By Event Place For Selected Cities Within Health Units

British Columbia, 1989

| Health Unit/City/Town | Births | Deaths | Marriages |
|---|---|---|---|
| **07 UPPER FRASER VALLEY** | **(2,113)** | **(1,034)** | **(1,223)** |
| Abbotsford | 754 | 332 | 472 |
| Agassiz | 57 | 39 | 25 |
| Boston Bar | 16 | 3 | 1 |
| Chilliwack | 403 | 309 | 308 |
| Clayburn | 8 | 2 | 6 |
| Clearbrook | 374 | 144 | 87 |
| Cultus Lake | 16 | 13 | 15 |
| Deroche | 11 | 5 | 2 |
| Harrison Hot Springs | 7 | 9 | 28 |
| Hope | 60 | 42 | 43 |
| Matsqui | 44 | 25 | 46 |
| Mount Lehman | 22 | 7 | 12 |
| Rosedale | 41 | 4 | 37 |
| Sardis | 178 | 74 | 105 |
| Vedder Crossing | 49 | 8 | 11 |
| Yarrow | 43 | 9 | 13 |
| OTHER | 30 | 9 | 12 |

| | | | |
|---|---|---|---|
| **08 CENTRAL FRASER VALLEY** | **(2,635)** | **( 995)** | **(1,237)** |
| Aldergrove | 303 | 103 | 110 |
| Dewdney | 9 | 1 | 1 |
| Fort Langley | 24 | 21 | 39 |
| Langley | 945 | 353 | 519 |
| Maple Ridge | 781 | 291 | 315 |
| Mission | 389 | 187 | 167 |
| Pitt Meadows | 159 | 25 | 43 |
| Ruskin | 6 | 2 | 3 |
| Whonock | 4 | 5 | 23 |
| OTHER | 15 | 7 | 17 |

| | | | |
|---|---|---|---|
| **09 BOUNDARY** | **(4,995)** | **(1,885)** | **(2,041)** |
| Cloverdale | 33 | 7 | 12 |
| Delta | 984 | 408 | 411 |
| Ladner | 58 | 18 | 8 |
| Surrey | 3,661 | 1,111 | 1,417 |
| Tsawwassen | 26 | 13 | 10 |
| White Rock | 233 | 328 | 183 |

| | | | |
|---|---|---|---|
| **10 SIMON FRASER** | **(2,735)** | **(1,142)** | **(1,220)** |
| Anmore | 9 | 3 | 2 |
| Coquitlam | 1,243 | 400 | 405 |
| New Westminster | 560 | 480 | 487 |
| Port Coquitlam | 666 | 200 | 232 |
| Port Moody | 253 | 56 | 78 |
| OTHER | 4 | 3 | 16 |

(Continued)

*"Selected Cities" is a "catchall" term that also includes municipalities, towns, villages, etc.*

Table 5 (cont'd)

## Live Births And Deaths By Usual Residence And Marriages By Event Place For Selected Cities Within Health Units

British Columbia, 1989

| Health Unit/City/Town | Births | Deaths | Marriages |
|---|---|---|---|
| **11 COAST GARIBALDI** | **( 806)** | **( 359)** | **( 481)** |
| Brackendale | 20 | 6 | 5 |
| D'Arcy | 9 | 2 | - |
| Garibaldi Highlands | 26 | 5 | 5 |
| Gibsons | 83 | 48 | 57 |
| Gillies Bay | 5 | 6 | 1 |
| Halfmoon Bay | 18 | 7 | 6 |
| Madeira Park | 12 | 9 | 4 |
| Mount Currie | 30 | 2 | 3 |
| Pemberton | 37 | 3 | 11 |
| Powell River | 220 | 123 | 122 |
| Roberts Creek | 26 | 4 | 15 |
| Sechelt | 80 | 94 | 59 |
| Squamish | 146 | 22 | 75 |
| Whistler | 61 | 5 | 86 |
| OTHER | 33 | 23 | 32 |

| | | | |
|---|---|---|---|
| **13 CENTRAL VANCOUVER IS.** | **(2,369)** | **(1,512)** | **(1,423)** |
| Ahousat | 15 | 4 | 2 |
| Bamfield | 11 | - | 2 |
| Bowser | 10 | 6 | 6 |
| Cassidy | 6 | 3 | 4 |
| Cedar | 17 | 8 | 25 |
| Chemainus | 65 | 43 | 40 |
| Cobble Hill | 54 | 35 | 42 |
| Coombs | 8 | 4 | 4 |
| Cowichan Bay | 19 | 6 | 8 |
| Crofton | 23 | 11 | 4 |
| Duncan | 371 | 223 | 189 |
| Errington | 15 | 2 | 9 |
| French Creek | 2 | 4 | 13 |
| Gabriola Island | 19 | 18 | 17 |
| Ladysmith | 108 | 92 | 68 |
| Lake Cowichan | 47 | 25 | 30 |
| Lantzville | 31 | 15 | 20 |
| Malahat | 13 | 2 | 1 |
| Mill Bay | 21 | 15 | 17 |
| Nanaimo | 758 | 519 | 466 |
| Nanoose Bay | 27 | 28 | 23 |
| Parksville | 107 | 134 | 89 |
| Port Alberni | 353 | 182 | 197 |
| Qualicum Beach | 73 | 72 | 59 |
| Shawnigan Lake | 66 | 26 | 25 |
| Tofino | 26 | 1 | 15 |
| Ucluelet | 34 | 4 | 19 |
| Youbou | 7 | 8 | 6 |
| OTHER | 63 | 22 | 23 |

(Continued)

*"Selected Cities" is a "catchall" term that also includes municipalities, towns, villages, etc.*

Table 5 (cont'd)

# Live Births And Deaths By Usual Residence And Marriages By Event Place For Selected Cities Within Health Units

British Columbia, 1989

| Health Unit/City/Town | Births | Deaths | Marriages |
|---|---|---|---|
| **14 UPPER ISLAND** | **(1,420)** | **( 520)** | **( 681)** |
| Alert Bay | 23 | 8 | 12 |
| Black Creek | 34 | 14 | 11 |
| Campbell River | 452 | 141 | 250 |
| Comox | 138 | 92 | 120 |
| Courtenay | 266 | 117 | 130 |
| Cumberland | 29 | 27 | 8 |
| Denman Island | 9 | 4 | 1 |
| Fanny Bay | 4 | 12 | 1 |
| Gold River | 40 | 5 | 5 |
| Heriot Bay | 7 | 2 | 3 |
| Holberg | 9 | 2 | 1 |
| Hornby Island | 17 | 2 | 11 |
| Lazo | 30 | 2 | 15 |
| Merville | 14 | 3 | 6 |
| Port Alice | 13 | 5 | 3 |
| Port Hardy | 97 | 20 | 42 |
| Port McNeill | 49 | 6 | 10 |
| Quadra Island | 13 | 3 | 8 |
| Royston | 16 | 10 | 15 |
| San Josef | 10 | 1 | - |
| Sayward | 20 | 2 | 2 |
| Sointula | 9 | 10 | 3 |
| Tahsis | 28 | - | 2 |
| Union Bay | 8 | 11 | 5 |
| OTHER | 85 | 21 | 17 |

| | | | |
|---|---|---|---|
| **15 CARIBOO** | **(1,002)** | **( 367)** | **( 447)** |
| Alexis Creek | 12 | 4 | 3 |
| Anahim Lake | 14 | 3 | 3 |
| Bella Bella | 16 | 3 | 2 |
| Bella Coola | 27 | 11 | 4 |
| Canim Lake | 9 | 5 | 1 |
| Forest Grove | 5 | 4 | 7 |
| Hagensborg | 13 | 2 | 2 |
| Lac La Hache | 6 | 4 | 5 |
| Lone Butte | 14 | 6 | 3 |
| Nemaiah Valley | 9 | 2 | 1 |
| Quesnel | 360 | 128 | 163 |
| Waglisla | 14 | 5 | 3 |
| Williams Lake | 317 | 93 | 152 |
| 100 Mile House | 76 | 51 | 62 |
| 108 Mile House | 9 | - | 8 |
| 150 Mile House | 27 | 5 | 3 |
| OTHER | 74 | 41 | 25 |

(Continued)

*"Selected Cities" is a "catchall" term that also includes municipalities, towns, villages, etc.*

Table 5 (cont'd)

# Live Births And Deaths By Usual Residence And Marriages By Event Place For Selected Cities Within Health Units

British Columbia, 1989

| Health Unit/City/Town | Births | Deaths | Marriages |
|---|---|---|---|
| **16 SKEENA** | **(1,548)** | **( 343)** | **( 514)** |
| Cassiar | 14 | - | 6 |
| Greenville | 8 | - | 4 |
| Hartley Bay | 16 | - | - |
| Hazelton | 45 | 3 | 6 |
| Houston | 77 | 14 | 35 |
| Iskut | 13 | 1 | 2 |
| Kincolith | 15 | 3 | 3 |
| Kispiox | 5 | 4 | 5 |
| Kitimat | 162 | 42 | 49 |
| Kitwanga | 23 | 3 | 5 |
| Klemtu | 8 | 4 | - |
| Masset | 46 | 5 | 17 |
| Moricetown | 15 | 4 | 3 |
| New Aiyansh | 15 | 3 | 4 |
| New Hazelton | 26 | 3 | 7 |
| Port Clements | 11 | 2 | - |
| Port Edward | 14 | 2 | 2 |
| Port Simpson | 23 | 6 | 1 |
| Prince Rupert | 308 | 83 | 112 |
| Queen Charlotte City | 33 | 5 | 6 |
| Sandspit | 9 | 2 | 2 |
| Smithers | 165 | 41 | 65 |
| South Hazelton | 9 | 2 | 1 |
| Stewart | 24 | 3 | 5 |
| Telegraph Creek | 5 | 4 | 2 |
| Telkwa | 45 | 8 | 18 |
| Terrace | 338 | 76 | 133 |
| OTHER | 76 | 20 | 21 |

| | | | |
|---|---|---|---|
| **17 PEACE RIVER** | **(1,034)** | **( 277)** | **( 423)** |
| Alaska Highway | 15 | 3 | 1 |
| Arras | 8 | 3 | 2 |
| Cecil Lake | 10 | 1 | 6 |
| Charlie Lake | 13 | 2 | 6 |
| Chetwynd | 90 | 14 | 34 |
| Dawson Creek | 225 | 69 | 121 |
| Farmington | 6 | 2 | 5 |
| Fort Nelson | 107 | 13 | 20 |
| Fort St. John | 314 | 88 | 164 |
| Fort Ware | 11 | 4 | - |
| Hudson's Hope | 16 | 7 | 2 |
| Pouce Coupe | 20 | 28 | 7 |
| Prespatou | 12 | 1 | 5 |
| Taylor | 16 | 2 | 7 |
| Tomslake | 7 | 3 | 1 |
| Tumbler Ridge | 95 | 6 | 14 |
| OTHER | 69 | 31 | 28 |

(Continued)

*"Selected Cities" is a "catchall" term that also includes municipalities, towns, villages, etc.*

Table 5 (cont'd)

## Live Births And Deaths By Usual Residence And Marriages By Event Place For Selected Cities Within Health Units

British Columbia, 1989

| Health Unit/City/Town | Births | Deaths | Marriages |
|---|---|---|---|
| **18 NORTHERN INTERIOR** | **(1,897)** | **( 486)** | **( 825)** |
| Burns Lake | 91 | 25 | 28 |
| Fort Fraser | 17 | 6 | 2 |
| Fort St. James | 86 | 16 | 25 |
| Fraser Lake | 34 | 6 | 10 |
| Granisle | 17 | 3 | 1 |
| Hixon | 5 | 2 | 6 |
| Mackenzie | 115 | 12 | 29 |
| McBride | 30 | 15 | 10 |
| Prince George | 1,296 | 330 | 634 |
| Valemount | 16 | 11 | 6 |
| Vanderhoof | 121 | 31 | 67 |
| OTHER | 69 | 29 | 7 |
| **20 CAPITAL REGIONAL DIST.** | **(3,308)** | **(2,768)** | **(2,631)** |
| Brentwood Bay | 65 | 33 | 34 |
| Colwood | 11 | 22 | 10 |
| Esquimalt | 4 | 3 | 7 |
| Fulford Harbour | 17 | 8 | 8 |
| Galiano Island | 6 | 7 | 9 |
| Ganges | 49 | 65 | 69 |
| Langford | 1 | 39 | 3 |
| Mayne Island | 8 | 7 | 6 |
| Metchosin | 2 | 8 | 9 |
| North Saanich | 1 | 1 | 11 |
| Oak Bay | 1 | - | 11 |
| Pender Island | 6 | 19 | 11 |
| Saanich | 3 | 11 | 10 |
| Saanichton | 70 | 80 | 68 |
| Saltspring Island | 3 | 6 | 4 |
| Sidney | 168 | 172 | 115 |
| Sooke | 125 | 45 | 58 |
| Victoria | 2,758 | 2,224 | 2,179 |
| OTHER | 10 | 18 | 9 |
| **30 VANCOUVER** | **(5,973)** | **(4,250)** | **(4,538)** |
| Vancouver | 5,973 | 4250 | 4,538 |
| **31 BURNABY** | **(1,928)** | **(1,236)** | **(1,340)** |
| Burnaby | 1,928 | 1,236 | 1,340 |
| **32 RICHMOND** | **(1,606)** | **( 605)** | **(1,162)** |
| Richmond | 1,606 | 605 | 1,162 |
| **33 NORTH SHORE** | **(1,981)** | **(1,119)** | **(1,248)** |
| Bowen Island (*) | 34 | 10 | 15 |
| Lions Bay | 17 | 7 | 4 |
| North Vancouver | 1,599 | 719 | 740 |
| West Vancouver | 330 | 382 | 483 |
| OTHER | 1 | 1 | 6 |

**NOTE:** Usual residence and event place are based upon the city as written in the address on the birth, death, or marriage registration.
OTHER includes cities where the sum of live births, deaths and marriages is less then ten.
* Information for Bowen Island is shown under North Shore rather than Coast Garibaldi Health Unit.

*"Selected Cities" is a "catchall" term that also includes municipalities, towns, villages, etc.*

# IV. BIRTH STATISTICS SUMMARY



The following section of this report deals exclusively with statistics arising from birth events. Included is information pertaining to maternal and paternal ages, birth orders, marital status of mothers and mode of delivery. A number of tables and charts deal with gestational age and birth weights, especially low birth weight babies as they are of considerable interest to health care providers and planners. Of special interest are: two tables providing statistics related to APGAR scores which represent a numerical expression of an infant's condition taken at one minute and five minutes after birth, and a table providing fertility rates and age specific birth rates. The fertility table is accompanied by a map depicting fertility rates by health unit in British Columbia.

The key statistics relating to birth events for 1989 are:

- there were 43,525 live births to residents of British Columbia;
- the number of births in 1989 represents an increase of 1.8% over 1988;
- there were 22,294 male babies and 21,228 female babies (on three births the sex of the infant was not indicated);
- male births increased by 2.1% over 1988 while female births increased by 1.6%;
- the total live birth figure represents 119 births per day;
- 99.5 percent of all births in British Columbia in 1989 occurred in hospital;
- in 1989 the youngest woman to give birth to a live born child was 12 while the oldest was 50;
- the average age of mothers for infants born in 1989 is 28 while the average age of fathers is 31;
- the average weight of infants born in 1989 was 3,416 grams compared to 3,420 grams in 1988;
- in 1989, 64.3% of all live born babies were delivered by spontaneous vertex while 10.5% required assistance from forceps or suction. Caesarian section was the mode of delivery in 22.1% of babies born in 1989;
- out of wedlock births accounted for 24.7% of all 1989 live births;
- mothers 19 years of age or less accounted for 5.8% of all live births in 1989;
- the Skeena and Peace River Health Units had the highest fertility rates while Vancouver and Burnaby had the lowest.

This table classifies reported live births according to the age of the mother and number of children born to the mother. Of the total number of stated live births, 94% were first to third born while only 6% were fourth born or greater.

## Table 6

| Age of Mother | Birth Order 1st | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th + | N.S. | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 | 1 | - | - | - | - | - | - | - | - | - | 1 |
| 13 | 3 | - | - | - | - | - | - | - | - | - | 3 |
| 14 | 19 | - | - | - | - | - | - | - | - | - | 19 |
| 15 | 110 | 3 | - | - | - | - | - | - | - | 1 | 114 |
| 16 | 232 | 7 | - | - | - | - | - | - | - | 4 | 243 |
| 17 | 388 | 39 | 1 | - | - | - | - | - | - | 3 | 431 |
| 18 | 600 | 105 | 11 | 1 | - | - | - | - | - | 5 | 722 |
| 19 | 780 | 199 | 28 | 1 | - | - | - | - | - | 4 | 1,012 |
| 20 | 942 | 333 | 54 | 8 | - | - | - | - | - | 7 | 1,344 |
| 21 | 911 | 412 | 98 | 10 | 1 | - | - | - | - | 5 | 1,437 |
| 22 | 998 | 576 | 148 | 23 | 4 | 1 | - | - | - | 15 | 1,765 |
| 23 | 1,060 | 707 | 200 | 38 | 15 | 2 | - | - | - | 7 | 2,029 |
| 24 | 1,222 | 905 | 279 | 59 | 9 | 3 | - | - | 1 | 8 | 2,486 |
| 25 | 1,400 | 1,062 | 366 | 78 | 23 | 1 | - | 1 | - | 11 | 2,942 |
| 26 | 1,355 | 1,187 | 429 | 107 | 8 | 3 | 2 | 1 | - | 17 | 3,109 |
| 27 | 1,402 | 1,224 | 495 | 138 | 27 | 3 | 2 | - | - | 13 | 3,304 |
| 28 | 1,293 | 1,341 | 533 | 145 | 39 | 9 | 1 | - | - | 9 | 3,370 |
| 29 | 1,226 | 1,211 | 586 | 161 | 38 | 11 | 4 | 1 | 1 | 10 | 3,249 |
| 30 | 1,039 | 1,154 | 545 | 187 | 50 | 12 | 1 | 1 | - | 4 | 2,993 |
| 31 | 877 | 1,041 | 557 | 170 | 41 | 13 | 6 | 1 | 1 | 10 | 2,717 |
| 32 | 693 | 962 | 516 | 149 | 53 | 6 | 8 | 3 | 2 | 10 | 2,402 |
| 33 | 551 | 738 | 419 | 163 | 40 | 13 | 7 | 2 | - | 11 | 1,944 |
| 34 | 399 | 613 | 369 | 122 | 34 | 17 | 5 | 3 | - | 5 | 1,567 |
| 35 | 328 | 461 | 263 | 121 | 24 | 15 | 5 | 2 | 2 | 4 | 1,225 |
| 36 | 255 | 381 | 219 | 91 | 26 | 13 | 5 | 2 | 4 | 1 | 997 |
| 37 | 181 | 255 | 163 | 76 | 17 | 14 | 2 | 1 | 1 | 2 | 712 |
| 38 | 111 | 177 | 127 | 50 | 15 | 8 | 7 | 1 | - | 2 | 498 |
| 39 | 95 | 131 | 92 | 40 | 18 | 4 | 5 | - | 4 | 1 | 390 |
| 40 | 55 | 65 | 44 | 20 | 13 | 3 | 2 | 2 | 3 | - | 207 |
| 41 | 28 | 33 | 30 | 18 | 6 | 1 | 3 | - | 4 | - | 123 |
| 42 | 21 | 35 | 11 | 8 | 5 | 1 | 1 | - | 1 | 1 | 84 |
| 43 | 5 | 12 | 6 | 4 | - | - | - | - | 1 | - | 29 |
| 44 | 3 | 1 | 4 | 5 | - | - | - | - | - | - | 19 |
| 45+ | - | 4 | 4 | 2 | 2 | - | 1 | 1 | - | - | 14 |
| N S | 4 | 12 | 6 | 1 | 1 | - | - | - | - | - | 24 |
| TOTAL | 18,588 | 15,392 | 6,603 | 1,996 | 509 | 153 | 67 | 22 | 25 | 170 | 43,525 |

NOTE: Birth order denotes the number of live births.
N.S. - Not Stated.
Non-residents are excluded

**Table 7**

## Live Births By Age Of Mother, Kind Of Birth And Out Of Wedlock Births
### British Columbia, 1989

| Age of Mother | Kind of Birth | | | TOTAL | Out Of Wedlock |
|---|---|---|---|---|---|
| | Single | Twin | Other | | |
| <15 | 23 | - | - | 23 | 23 |
| 15-19 | 2,488 | 34 | - | 2,522 | 2,020 |
| 20-24 | 8,889 | 171 | 1 | 9,061 | 3,521 |
| 25-29 | 15,689 | 283 | 2 | 15,974 | 2,922 |
| 30-34 | 11,361 | 250 | 12 | 11,623 | 1,597 |
| 35-39 | 3,708 | 114 | - | 3,822 | 559 |
| 40-44 | 460 | 2 | - | 462 | 84 |
| 45+ | 14 | - | - | 14 | 3 |
| N.S. | 24 | - | - | 24 | 24 |
| TOTAL | 42,656 | 854 | 15 | 43,525 | 10,753 |

NOTE: For multiple births including stillbirths, only the live births are shown in this table.
Out of wedlock live births are those where the parents are not legally married to each other; the mother's marital status may not be single.
N.S. - Not Stated.
Non-residents are excluded.

During 1989, there were 429 sets of twins born in the Province. Of these, 425 were cases where both infants were liveborn and 4 cases where only one infant was liveborn. Additionally, there were six sets of triplets born; four sets where all the infants were liveborn.

Although the majority of live births were delivered spontaneously (vertex and breech), 32.6% of deliveries required procedural assistance. Caesarian section was the method of delivery for 1 out of 6 live births to women under the age of 20, whereas this figure increased to 1 out of 3 for women aged 35 or older. Approximately 40% of all the live births delivered by Caesarian section were repeat Caesarian deliveries.

**Table 8**

| Mode of Delivery | Age of Mother | | | | | | | | | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | <15 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45+ | N.S. | Number | Percent |
| Spontaneous Vertex | 14 | 1,756 | 6,766 | 10,373 | [illegible] | [illegible] | [illegible] | [illegible] | 15 | 28,001 | 64.3 |
| Forceps or Suction | 2 | 236 | 933 | 1,726 | [illegible] | [illegible] | [illegible] | [illegible] | * | 4,580 | 10.5 |
| Breech | * | 15 | 85 | 156 | [illegible] | [illegible] | [illegible] | [illegible] | | 424 | 1.0 |
| Caesarian (first) | 3 | 302 | 1,253 | 2,024 | [illegible] | [illegible] | [illegible] | [illegible] | 1 | 5,832 | 13.4 |
| Caesarian (repeat) | - | 35 | 466 | 1,479 | [illegible] | [illegible] | [illegible] | [illegible] | 6 | 3,776 | 8.7 |
| N.S. | 1 | 52 | 206 | 412 | 274 | 164 | 12 | * | * | 912 | 2.1 |
| TOTAL | 23 | 2,522 | 9,061 | 15,974 | 11,623 | 3,822 | 462 | 14 | 24 | 43,525 | 100.0 |

NOTE: N.S. - Not Stated.
Non-residents are excluded.

**Table 9**

## Births By Age Of Father And Mother

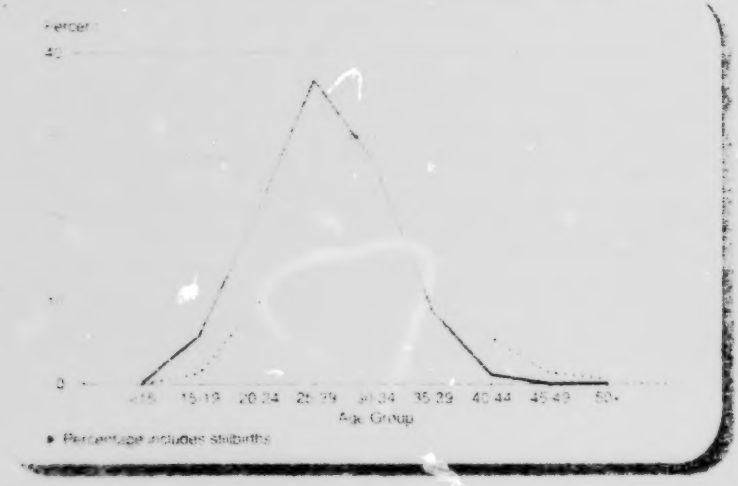
| Age of Father | Age of Mother <15 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45+ | N.S. | TOTAL Number | TOTAL Percent |
|---|---|---|---|---|---|---|---|---|---|---|---|
| <15 | | | | | | | | | | 1 | 0.0 |
| 15-19 | 7 | 438 | 101 | 8 | | 1 | | | | 555 | 1.3 |
| 20-24 | 1 | 964 | 2,487 | 625 | 108 | 18 | 3 | | | 4,206 | 9.6 |
| 25-29 | | 312 | 3,889 | 6,940 | 1,260 | 152 | 7 | | | 12,580 | 28.7 |
| 30-34 | | 57 | 1,154 | 5,713 | 5,571 | 707 | 42 | 2 | | 13,226 | 30.2 |
| 35-39 | | 18 | 257 | 1,472 | 3,216 | 1,674 | 86 | | | 6,725 | 15.3 |
| 40-44 | | 9 | 44 | 420 | 821 | 838 | 191 | 4 | | 2,377 | 5.4 |
| 45-49 | | 2 | 22 | 81 | 196 | 199 | 76 | 4 | | 580 | 1.3 |
| 50+ | | 2 | 2 | 39 | 71 | 89 | 32 | 2 | | 244 | 0.6 |
| N.S. | 16 | 738 | 1,139 | 792 | 431 | 173 | 28 | 2 | 24 | 3,343 | 7.6 |
| TOTAL | 24 | 2,540 | 9,133 | 16,090 | 11,694 | 3,851 | 467 | 14 | 24 | 43,837 | - |
| Percent | 0.1 | 5.8 | 20.8 | 36.7 | 26.7 | 8.8 | 1.1 | 0.0 | 0.1 | - | 100.0 |

NOTE: Number of births includes stillbirths.
N.S. - Not Stated.
Non-residents are excluded.

For 1989 births, 22.6% of the fathers were aged 35 years or older, while only 9.9% of the mothers were in this age group. For teenage parents, the percentages were 1.3% for fathers and 5.8% for mothers.

**Figure 5**

The average parental ages for 1989 were 28 years for mothers and 31 years for fathers.



## Table 10

| 1-Minute APGAR | 5-Minute APGAR 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9+ | N.S. | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 20 | 1 | 1 | 1 | 1 | 3 | 2 | 1 | 2 | | | 33 |
| 1 | 3 | 45 | 13 | 14 | 14 | 26 | 51 | 31 | 35 | [illegible] | 5 | 282 |
| 2 | 7 | 10 | 11 | 10 | 15 | 26 | 66 | 59 | 72 | 105 | 1 | 382 |
| 3 | 1 | 1 | 1 | 6 | 9 | 46 | 84 | 96 | 107 | 199 | 4 | 554 |
| 4 | 1 | 2 | 2 | 1 | 3 | 18 | 82 | 146 | 201 | 343 | 3 | 802 |
| 5 | | 2 | 1 | 1 | 2 | 8 | 56 | 130 | 342 | 764 | 7 | 1,373 |
| 6 | 2 | | 2 | 2 | 1 | 4 | 33 | 193 | 609 | 1,634 | 9 | 2,489 |
| 7 | 1 | 1 | | | 2 | 5 | 6 | 72 | 690 | 3,311 | 14 | 4,102 |
| 8 | | 1 | 2 | | 3 | 4 | 5 | 19 | 409 | 10,982 | 25 | 11,450 |
| 9+ | 2 | 2 | 2 | 1 | 1 | 3 | 4 | 12 | 30 | 20,710 | 78 | 20,845 |
| N.S. | | 1 | 1 | | 1 | 1 | 3 | 1 | 2 | 17 | 1,186 | 1,213 |
| TOTAL | 37 | 66 | 36 | 36 | 52 | 144 | 392 | 820 | 2,499 | 38,111 | 1,332 | 43,525 |

NOTE: N.S. - Not Stated.
Non-residents are excluded.

Almost one half of all 1989 live births had an APGAR score of nine or more, one minute after birth. By five minutes, approximately 88% of these live births had attained an APGAR score of nine or more. Based on the stated one minute APGAR, 20.1% of liveborn infants had some evidence of mild or moderate birth asphyxia (APGAR of 4-7) and an additional 2.9% suffered from severe asphyxia (APGAR of 0-3).

## Table 11

| Age of Mother | 5-Minute APGAR 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9+ | N.S. | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <15 | | | | | | | | 1 | 1 | 20 | 1 | 23 |
| 15-19 | 3 | 7 | 2 | 3 | 3 | 11 | 32 | 66 | 190 | 2,103 | 102 | 2,522 |
| 20-24 | 9 | 19 | 16 | 12 | 11 | 38 | 96 | 169 | 568 | 7,811 | 312 | 9,061 |
| 25-29 | 10 | 17 | 9 | 15 | 17 | 50 | 129 | 317 | 900 | 14,080 | 430 | 15,974 |
| 30-34 | 13 | 15 | 7 | 1 | 14 | 28 | 90 | 203 | 639 | 10,286 | 327 | 11,623 |
| 35-39 | 2 | 8 | 2 | 5 | 7 | 15 | 41 | 60 | 175 | 3,363 | 144 | 3,822 |
| 40-44 | | | | | | 2 | 4 | 4 | 26 | 413 | 13 | 462 |
| 45+ | | | | | | | | | | 13 | 1 | 14 |
| N.S. | | | | | | | | | | 22 | 2 | 24 |
| TOTAL | 37 | 66 | 36 | 36 | 52 | 144 | 392 | 820 | 2,499 | 38,111 | 1,332 | 43,525 |

NOTE: N.S. - Not Stated
Non-residents are excluded.

Of the live births born to teenage mothers, 90.9% had APGAR scores of eight or more at the five minute interval. This proportion was slightly greater at 92.8% amongst mothers aged 35 years and older at the same five minute interval.

*__NOTE__ for __Table 10 and Table 11.__ An APGAR score is a numerical expression of an infant's condition, usually determined at 60 seconds after birth, based on heart rate, respiratory effort, muscle tone, reflex irritability and colour. The APGAR score is based on a scale of zero to ten.

## Table 12

### Live Birth Fertility Rates By Health Unit
British Columbia, 1989

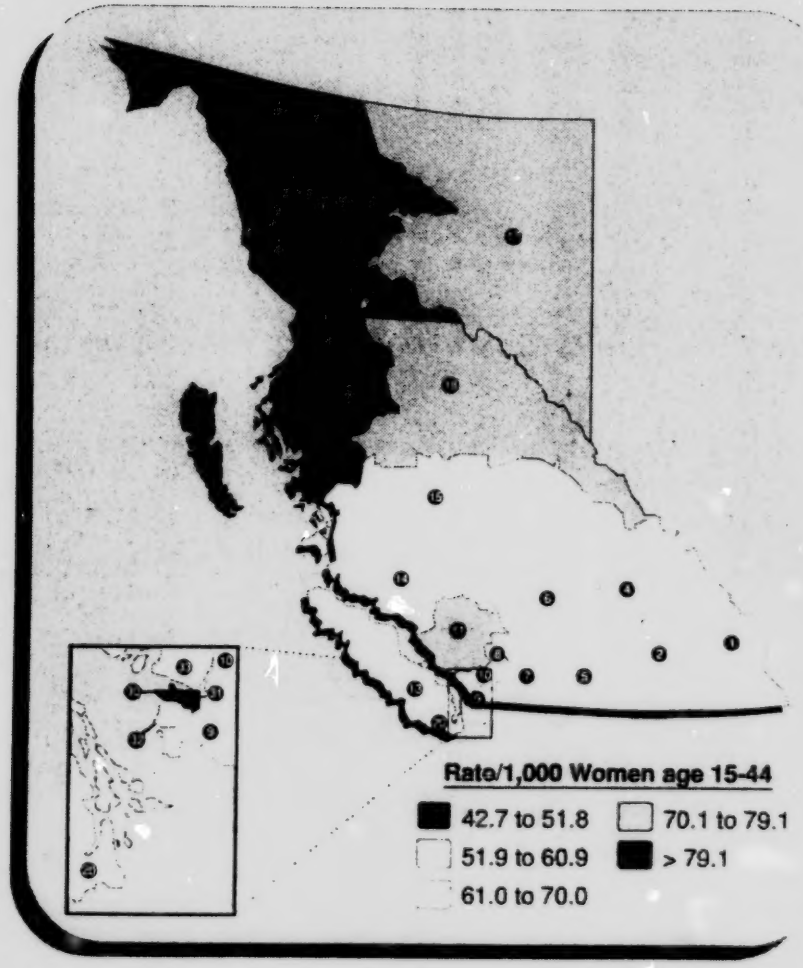
| Health Unit | General Fertility Rate | Age Specific Birth Rate | | | | | | | | Total Fertility Rate |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | |
| 01 East Kootenay | 62.8 | - | 27.2 | 124.6 | 151.7 | 71.6 | 16.5 | 4.3 | - | 1978.5 |
| 02 Central Kootenay | 61.5 | 0.4 | 21.0 | 96.9 | 170.7 | 86.0 | 27.0 | 0.9 | - | 2014.5 |
| 04 North Okanagan | 61.0 | 0.3 | 28.3 | 106.2 | 153.1 | 74.2 | 22.8 | 2.0 | - | 1934.5 |
| 05 South Okanagan | 57.6 | 0.4 | 20.2 | 101.3 | 131.6 | 79.6 | 22.7 | 3.2 | - | 1795.0 |
| 06 South Central | 63.0 | 0.5 | 34.2 | 110.1 | 142.0 | 79.1 | 20.5 | 1.3 | - | 1938.5 |
| 07 Upper Fraser Valley | 69.0 | - | 29.5 | 116.4 | 144.8 | 79.9 | 22.0 | 3.6 | 0.3 | 1982.5 |
| 08 Central Fraser Valley | 67.5 | - | 25.8 | 95.9 | 165.2 | 87.2 | 24.5 | 3.1 | - | 2008.5 |
| 09 Boundary | 66.8 | 0.3 | 23.5 | 92.6 | 151.7 | 95.4 | 29.0 | 3.5 | 0.3 | 1981.5 |
| 10 Simon Fraser | 62.8 | - | 18.6 | 65.2 | 125.3 | 99.0 | 34.4 | 3.4 | 0.2 | 1730.5 |
| 11 Coast Garibaldi | 74.3 | 0.6 | 39.1 | 122.6 | 166.8 | 93.4 | 28.1 | 3.9 | - | 2272.5 |
| 13 Central Vanvouver Is | 65.0 | 0.2 | 30.9 | 117.8 | 148.6 | 80.6 | 27.6 | 2.3 | 0.2 | 2041.0 |
| 14 Upper Island | 67.7 | 0.6 | 30.4 | 143.5 | 148.3 | 74.0 | 25.5 | 3.3 | - | 2128.0 |
| 15 Cariboo | 68.7 | 0.8 | 33.2 | 140.7 | 156.8 | 77.6 | 21.7 | 3.0 | - | 2169.0 |
| 16 Skeena | 83.2 | - | 57.8 | 162.8 | 160.7 | 87.1 | 26.9 | 2.6 | 0.5 | 2492.0 |
| 17 Peace River | 79.0 | - | 46.6 | 156.8 | 156.6 | 71.9 | 19.6 | 3.5 | 0.8 | 2279.0 |
| 18 Northern Interior | 71.1 | 0.6 | 36.7 | 150.0 | 150.1 | 70.7 | 21.1 | 1.0 | - | 2151.0 |
| 20 Capital Regional Dist | 52.7 | 0.1 | 18.1 | 65.0 | 109.6 | 82.7 | 27.6 | 4.4 | - | 1537.5 |
| 30 Vancouver | 50.8 | 0.3 | 16.4 | 48.1 | 75.6 | 80.1 | 43.3 | 8.1 | - | 1359.5 |
| 31 Burnaby | 51.5 | 0.3 | 14.9 | 46.4 | 89.9 | 86.7 | 31.8 | 4.3 | - | 1371.5 |
| 32 Richmond | 54.9 | - | 12.0 | 50.0 | 112.7 | 103.4 | 35.9 | 4.0 | - | 1590.0 |
| 33 North Shore | 54.0 | - | 9.4 | 31.6 | 99.5 | 114.9 | 46.5 | 7.0 | 0.4 | 1546.5 |
| **Provincial Rates** | **60.9** | **0.2** | **24.7** | **84.4** | **122.9** | **85.9** | **30.3** | **4.1** | **0.2** | **1763.5** |

NOTE: Age Specific Birth Rate - live births per 1,000 women for each age group
General Fertility Rate - live births per 1,000 women of childbearing age, 15 - 44 years.
Total Fertility Rate - sum of age-specific births rates multiplied by five.
Health Unit is mother's usual residence.
Live Births with mother's age unknown are excluded
See Glossary for details of significance test

During 1989, females in the 25 - 29 age group had the highest age specific birth rate. Within this age group, Central Kootenay Health Unit had the highest birth rate while Vancouver had the lowest. This disparity between these two regions was reversed in women 35 and older and was especially evident in the 40-44 age group, where Vancouver had the highest birth rate, and Central Kootenay had the lowest.

Figure 6

## Live Birth General Fertility Rates By Health Unit
British Columbia, 1989




1. East Kootenay
2. Central Kootenay
3. North Okanagan
4. South Okanagan
5. South Central
6. Upper Fraser Valley
7. Central Fraser Valley
8. Boundary
9. Simon Fraser
10. Coast Garibaldi
11. Central Vancouver Island
12. Upper Vancouver Island
13. Cariboo
14. Skeena
15. Peace River
16. Northern Interior
17. Capital Regional District
18. Vancouver
19. Burnaby
20. Richmond
21. North Shore

Based upon 1989 live births, the Skeena Health Unit had the highest general fertility rate as compared to Vancouver, Burnaby and the Capital Regional District which had the lowest rates.

**Table 13**

## Live Births by Birth Weight And Gestational Age

| Birth Weight (in grams) | Gestational Age (in weeks) <20 | 20-27 | 28-36 | 37-41 | 42-45 | 46 + | N.S. | TOTAL |
|---|---|---|---|---|---|---|---|---|
| <500 | 2 | 24 | 1 | 2 | - | - | - | 29 |
| 500-749 | - | 74 | 4 | 2 | - | - | - | 80 |
| 750-999 | - | 57 | 26 | 1 | - | - | - | 84 |
| 1,000-1,249 | - | 24 | 55 | - | - | - | - | 79 |
| 1,250-1,499 | - | 9 | 104 | 5 | - | - | - | 118 |
| 1,500-1,749 | - | 2 | 152 | 13 | - | - | - | 167 |
| 1,750-1,999 | - | 1 | 228 | 37 | - | - | - | 266 |
| 2,000-2,249 | - | - | 330 | 161 | 1 | - | - | 492 |
| 2,250-2,499 | - | - | 429 | 518 | 6 | - | - | 953 |
| 2,500-2,749 | - | - | 444 | 1,574 | 19 | - | 1 | 2,038 |
| 2,750-2,999 | - | - | 347 | 3,538 | 99 | - | 1 | 3,985 |
| 3,000-3,249 | - | - | 211 | 6,423 | 256 | - | 3 | 6,893 |
| 3,250-3,499 | - | 1 | 110 | 7,810 | 458 | - | 2 | 8,381 |
| 3,500-3,749 | - | 1 | 46 | 7,598 | 541 | - | 1 | 8,187 |
| 3,750-3,999 | - | - | 26 | 5,178 | 520 | - | 1 | 5,725 |
| 4,000-4,249 | - | - | 10 | 2,997 | 407 | - | 2 | 3,416 |
| 4,250-4,499 | - | - | 2 | 1,361 | 267 | - | - | 1,630 |
| 4,500-4,749 | - | - | - | 546 | 103 | - | - | 649 |
| 4,750-4,999 | - | - | - | 201 | 37 | - | - | 238 |
| 5,000-5,249 | - | - | - | 55 | 11 | - | - | 66 |
| 5,250-5,499 | - | - | - | 15 | 1 | - | - | 16 |
| 5,500+ | - | - | - | 10 | - | - | - | 10 |
| N.S. | - | 4 | 2 | 13 | 1 | - | 3 | 23 |
| **TOTAL** | **2** | **197** | **2,527** | **38,058** | **2,727** | **-** | **14** | **43,525** |

**NOTE: N.S. - Not Stated.**
**Non-residents are excluded.**

Amongst 1989 live births, 6.3% were premature (less than 37 weeks of gestation) and of these, more than half (55.8%) were low birth weight babies (less than 2,500 grams).

**Table 14**

| Birth Weight (in grams) | Age of Mother <15 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45+ | N.S. | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|
| <500 | - | - | 12 | 6 | 6 | 5 | - | - | - | 29 |
| 500-749 | - | 10 | 14 | 22 | 22 | 11 | 1 | - | - | 80 |
| 750-999 | - | 8 | 21 | 27 | 16 | 10 | 2 | - | - | 84 |
| 1,000-1,249 | - | 10 | 16 | 26 | 21 | 5 | 1 | - | - | 79 |
| 1,250-1,499 | - | 15 | 28 | 34 | 37 | 4 | - | - | - | 118 |
| 1,500-1,749 | - | 11 | 42 | 54 | 45 | 13 | 2 | - | - | 167 |
| 1,750-1,999 | - | 15 | 62 | 99 | 70 | 16 | 4 | - | - | 266 |
| 2,000-2,249 | - | 37 | 115 | 170 | 112 | 52 | 6 | - | - | 492 |
| 2,250-2,499 | 1 | 55 | 229 | 330 | 242 | 84 | 11 | - | 1 | 953 |
| 2,500-2,749 | - | 146 | 468 | 725 | 500 | 177 | 20 | 1 | 1 | 2,038 |
| 2,750-2,999 | 4 | 236 | 911 | 1,491 | 978 | 315 | 46 | 1 | 3 | 3,985 |
| 3,000-3,249 | 5 | 427 | 1,474 | 2,498 | 1,823 | 591 | 70 | 1 | 4 | 6,893 |
| 3,250-3,499 | 3 | 471 | 1,759 | 3,128 | 2,227 | 710 | 80 | 1 | 2 | 8,381 |
| 3,500-3,749 | 4 | 456 | 1,650 | 3,008 | 2,214 | 745 | 98 | 6 | 6 | 8,187 |
| 3,750-3,999 | 3 | 336 | 1,097 | 2,137 | 1,552 | 532 | 63 | 2 | 3 | 5,725 |
| 4,000-4,249 | 2 | 167 | 665 | 1,269 | 995 | 290 | 27 | 1 | - | 3,416 |
| 4,250-4,499 | - | 86 | 333 | 593 | 431 | 163 | 23 | - | 1 | 1,630 |
| 4,500-4,749 | | 20 | 105 | 234 | 226 | 55 | 8 | 1 | 1 | 649 |
| 4,750-4,999 | - | 7 | 42 | 87 | 73 | 26 | 2 | | 1 | 238 |
| 5,000-5,249 | | 2 | 8 | 24 | 15 | 10 | | | | 59 |
| 5,250-5,499 | | | 3 | 4 | | 2 | | | | 9 |
| 5,500+ | | | | 2 | | | | | | 2 |
| N.S. | | | | | | | | | | |
| TOTAL | | | | | | | | | | |

NOTE N.S. - Not Stated.
Non-residents are excluded

Of the total live births in 1989, low birth weight infants accounted for 5.2 percent. The great majority of babies (92.5%) weighed between 2,500 and 4,500 grams.

## Table 15

### Low Birth Weight Live Births By Gestational Age* And Health Unit

British Columbia, 1988

| Health Unit | Gestational Age (in weeks) <37 | 37-41 | 42+ | TOTAL (LBW) Live Births Number | Rate |
|---|---|---|---|---|---|
| 01 East Kootenay | 16 | 25 | | 41 | 44.5 |
| 02 Central Kootenay | 31 | 11 | 1 | 43 | 51.7 |
| 04 North Okanagan | 33 | 16 | | 49 | 43.9 |
| 05 South Okanagan | 69 | 42 | | 111 | 60.4 |
| 06 South Central | 62 | 31 | | 93 | 63.7 |
| 07 Upper Fraser Valley | 63 | 37 | | 100 | 47.3 |
| 08 Central Fraser Valley | 81 | 38 | | 119 | 45.2 |
| 09 Boundary | 162 | 95 | 2 | 259 | 51.9 |
| 10 Simon Fraser | 94 | 42 | | 136 | 49.7 |
| 11 Coast Garibaldi | 27 | 13 | | 40 | 47.6 |
| 13 Central Vancouver Is | 98 | 42 | 1 | 141 | 59.5 |
| 14 Upper Island | 58 | 32 | | 90 | 63.4 |
| 15 Cariboo | 39 | 11 | | 50 | 49.9 |
| 16 Skeena | 47 | 13 | 1 | 61 | 39.4 * |
| 17 Peace River | 30 | 18 | | 48 | 46.4 |
| 18 Northern Interior | 67 | 43 | | 110 | 58.0 |
| 20 Capital Regional Dist | 138 | 46 | | 184 | 55.6 |
| 30 Vancouver | 236 | 113 | | 349 | 58.4 |
| 31 Burnaby | 69 | 28 | 1 | 98 | 50.8 |
| 32 Richmond | 49 | 24 | 1 | 74 | 46.1 |
| 33 North Shore | 52 | 19 | | 71 | 36.5 * |
| Unknown | 1 | | | 1 | 0.0 |
| TOTAL | 1,522 | 739 | 7 | 2,268 | 52.1 |

NOTE: * Statistical testing indicates a significant difference from the provincial rate ($P < 0.05$ two tailed).
Rate per 1,000 live births in the specified health unit.
Health Unit by mother's usual residence.
Low birth weight (LBW) denotes <2500 grams.
Non-residents are excluded.

The Skeena and the North Shore Health Units had a significantly lower rate of low birth weight live births than the provincial rate. Conversely, the South Central, South Okanagan and Upper Island Health Units had higher rates of low birth weight infants than the provincial rate, although not significantly higher.

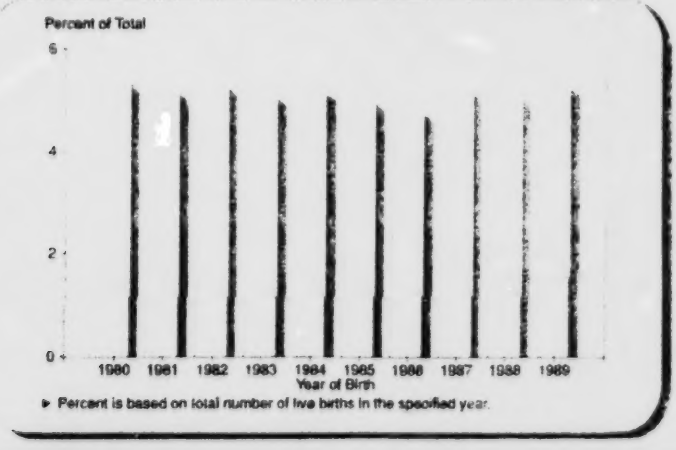
## Table 16

### Low Birth Weight Live Births By Age Of Mother
British Columbia, 1980 - 1989

| Age of Mother | | Year of Birth 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| <20 | Number | 237 | 220 | 225 | 169 | 151 | 158 | 144 | 135 | 140 | 162 |
| | Percent | 6.7 | 6.4 | 7.0 | 5.9 | 5.7 | 6.9 | 6.3 | 6.2 | 5.9 | 6.4 |
| 20-24 | Number | 715 | 729 | 726 | 634 | 684 | 554 | 550 | 497 | 493 | 539 |
| | Percent | 5.7 | 5.8 | 5.7 | 5.1 | 5.7 | 5.0 | 5.4 | 5.2 | 5.4 | 5.9 |
| 25-29 | Number | 694 | 697 | 732 | 747 | 800 | 763 | 658 | 761 | 736 | 768 |
| | Percent | 4.7 | 4.5 | 4.6 | 4.7 | 4.8 | 4.7 | 4.2 | 4.9 | 4.6 | 4.8 |
| 30-34 | Number | 346 | 380 | 410 | 441 | 435 | 433 | 460 | 505 | 554 | 571 |
| | Percent | 4.5 | 4.6 | 4.7 | 4.8 | 4.4 | 4.4 | 4.5 | 4.8 | 5.0 | 4.9 |
| 35-39 | Number | 110 | 94 | 122 | 120 | 135 | 169 | 137 | 192 | 192 | 200 |
| | Percent | 6.8 | 5.3 | 5.7 | 5.0 | 4.9 | 5.8 | 4.5 | 5.9 | 5.3 | 5.2 |
| 40+ | Number | 11 | 18 | 18 | 20 | 22 | 19 | 16 | 23 | 29 | 27 |
| | Percent | 5.5 | 8.3 | 6.6 | 6.7 | 7.8 | 6.6 | 4.7 | 6.1 | 6.2 | 5.7 |
| N.S. | | - | - | - | - | 2 | - | - | - | - | 1 |
| **TOTAL** | **Number** | **2,113** | **2,138** | **2,233** | **2,131** | **2,229** | **2,096** | **1,965** | **2,113** | **2,144** | **2,268** |
| | **Percent** | **5.3** | **5.1** | **5.2** | **5.0** | **5.1** | **4.9** | **4.7** | **5.1** | **5.0** | **5.2** |

NOTE: Percent is based on the number of live births in the specified age group.
Low birth weight denotes <2500 grams.
N.S. - Not Stated.
Non-residents are excluded.

## Figure 7




▸ Percent is based on total number of live births in the specified year.

Over the past 10 years, there has not been a significant overall change (as shown in Figure 7) in the percentage of low birth weight infants born to mothers in British Columbia. In 1989, the highest percent of low birth weight liveborn infants among all mothers' age groupings was 6.4% amongst teenage mothers (less than 20 years). The lowest percent was 4.8% amongst the 25-29 age group. In comparing to 1988, percents of low birth weight infants increased for age groupings for mothers under age 30 years and decreased for mothers' age groupings of 30 or older.

During 1989, younger mothers (less than 25 years) or older mothers (40 years and older) had higher rates of low birth weight liveborn babies. The highest low birth weight rate was 63.7 per 1,000 live births amongst mothers less than 20 years.

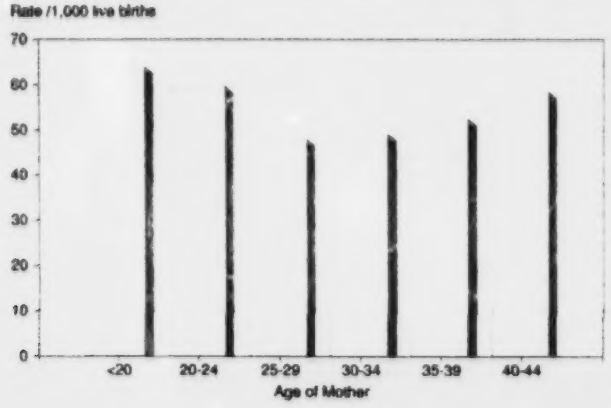
**Table 17**

## Low Birth Weight Live Births By Age Of Mother And Birth Order
### British Columbia, 1989

| Age of Mother | Birth Order 1st Number | 2nd + Number | N.S. | TOTAL Number | Rate |
|---|---|---|---|---|---|
| < 20 | 126 | 36 | - | 162 | 63.7 |
| 20-24 | 279 | 257 | 3 | 539 | 59.5 |
| 25-29 | 358 | 407 | 3 | 768 | 48.1 |
| 30-34 | 197 | 366 | 8 | 571 | 49.1 |
| 35-39 | 71 | 127 | 2 | 200 | 52.3 |
| 40-44 | 5 | 22 | - | 27 | 58.4 |
| 45+ | - | - | - | - | - |
| N.S. | - | 1 | - | 1 | - |
| TOTAL | 1,036 | 1,216 | 16 | 2,268 | 52.1 |

NOTE: Low birth weight denotes <2,500 grams.
Birth order denotes the number of live births.
Rate per 1,000 live births in the specified age group.
N.S. - Not Stated.
Non-residents are excluded.

**Figure 8**



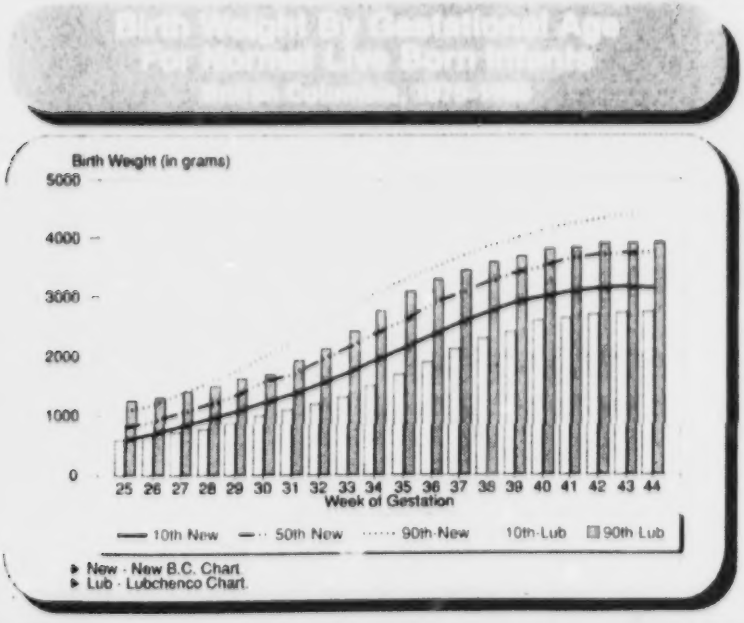
## Table 18

### Birth Weight By Gestational Age For Normal Live Born Infants British Columbia, 1979 - 1988

| Gestational Week | Number of Cases | Mean Birth Weight (in grams) | Percentile 10th | 50th | 90th |
|---|---|---|---|---|---|
| 25 | 83 | 820 | 603 | 800 | 1074 |
| 26 | 132 | 961 | 705 | 900 | 1206 |
| 27 | 115 | 1139 | 820 | 1050 | 1390 |
| 28 | 220 | 1346 | 958 | 1210 | 1565 |
| 29 | 208 | 1439 | 1069 | 1350 | 1770 |
| 30 | 360 | 1732 | 1230 | 1588 | 2020 |
| 31 | 369 | 1791 | 1370 | 1701 | 2259 |
| 32 | 878 | 2006 | 1526 | 1930 | 2552 |
| 33 | 1034 | 2217 | 1730 | 2155 | 2805 |
| 34 | 2088 | 2431 | 1927 | 2380 | 3055 |
| 35 | 3130 | 2656 | 2140 | 2600 | 3269 |
| 36 | 9756 | 2945 | 2360 | 2892 | 3495 |
| 37 | 15,099 | 3093 | 2551 | 3062 | 3678 |
| 38 | 41,842 | 3284 | 2750 | 3260 | 3856 |
| 39 | 65,413 | 3425 | 2900 | 3402 | 3995 |
| 40 | 149,080 | 3547 | 3000 | 3520 | 4135 |
| 41 | 56,050 | 3668 | 3100 | 3655 | 4252 |
| 42 | 30,638 | 3728 | 3147 | 3714 | 4337 |
| 43 | 3,657 | 3768 | 3175 | 3750 | 4405 |
| 44 | 491 | 3781 | 3141 | 3756 | 4427 |
| TOTAL | 380,643 | | | | |

NOTE: See Glossary for definition of Normal Live Born Infant.
Pre-term: less than 37 weeks of gestation.
Term: 37 to 41 weeks of gestation.
Post-term: greater than 41 weeks of gestation.

## Figure 9




Using birth registrations received by the Division of Vital Statistics over the period 1979 to 1988, a liveborn infant growth chart was developed specific to the characteristics of the British Columbian population. When comparing the new British Columbia chart to the older Lubchenco chart, which has been in use since 1966, it can be observed that on a provincial scale, we are giving birth to heavier babies. Both the British Columbian tenth and ninetieth percentiles are higher than Lubchenco's corresponding percentiles which were developed based on a sample of 4,706 infants born in Colorado during the period 1948 - 1961.

Table 19

# Babies' Most Popular Names
## British Columbia, 1989

| Boy's Names | | Girl's Names | |
|---|---|---|---|
| **Name** | **Frequency** | **Name** | **Frequency** |
| Michael | 540 | Jessica | 439 |
| Matthew | 506 | Amanda | 435 |
| Christopher | 468 | Sarah | 370 |
| Kyle | 371 | Ashley | 357 |
| Ryan | 351 | Samantha | 294 |
| Daniel | 342 | Stephanie | 288 |
| David | 337 | Nicole | 285 |
| Andrew | 327 | Jennifer | 272 |
| Justin | 302 | Brittany | 251 |
| James | 293 | Melissa | 222 |
| Joshua | 293 | Michelle | 221 |
| Jordan | 291 | Megan | 213 |
| Tyler | 281 | Kelsey | 204 |
| Nicholas | 267 | Danielle | 181 |
| Robert | 267 | Rebecca | 176 |
| Kevin | 254 | Emily | 165 |
| Brandon | 233 | Lauren | 164 |
| Alexander | 232 | Chelsea | 162 |
| Stephen | 221 | Kayla | 158 |
| Adam | 213 | Alexandra | 142 |
| Sean | 198 | Laura | 137 |
| Travis | 186 | Courtney | 135 |
| Thomas | 185 | Christina | 133 |
| Jesse | 183 | Heather | 129 |
| Benjamin | 179 | Amy | 122 |

NOTE: Top 25 names are listed.

# V. MARRIAGE STATISTICS SUMMARY



During 1989 there were 25,154 marriages solemnized in British Columbia. This figure represents a 2.7% increase over the 1988 figure. Of the total number of ceremonies, approximately 47% were civil marriages and 53% were religious ceremonies. The proportion of civil ceremonies has been increasing steadily over recent years, with an increase of 3% over the 1988 figure of 44%. The youngest bride to get married in British Columbia in 1989 was 14 years old; the oldest was 86. Men on the other hand maintained the trend of being slightly older prior to entering the bond of matrimony, with the youngest groom being 16 years of age and the oldest being 90.

**Table 20**

**Marriages By Marital Status Of Bride And Groom**
**British Columbia, 1989**

| Marital Status of Bride | Marital Status of Groom Single | Widowed | Divorced | N.S. | TOTAL |
|---|---|---|---|---|---|
| Single | 14,895 | 101 | 2,743 | | 17,739 |
| Widowed | 125 | 362 | 376 | | 863 |
| Divorced | 2,500 | 377 | 3,671 | | 6,548 |
| N.S. | 2 | | 2 | | 4 |
| TOTAL | 17,522 | 840 | 6,792 | - | 25,154 |

NOTE: N.S. - Not Stated.

During 1989, the percentage of marriages where both the bride and groom had not previously been married was 59%. Additionally, marriages where both partners were divorced accounted for 15%, while marriages where one partner was single and one was divorced accounted for 21%.

**Table 21**

**Marriages By Age Of Bride And Groom**
**British Columbia, 1989**

| Age of Bride | Age of Groom <20 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-59 | 60+ | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|
| <20 | 14 | 91 | 22 | 11 | 5 | | | | | 1,242 |
| 20-24 | 234 | 3,169 | 1,778 | 734 | 344 | 141 | 61 | 31 | 51 | 7,543 |
| 25-29 | 6 | 1,021 | 3,273 | 1,738 | 630 | 276 | 127 | 82 | 88 | 7,241 |
| 30-34 | 1 | 124 | 1,018 | 1,781 | 1,011 | 441 | 211 | 114 | 125 | 3,766 |
| 35-39 | | 31 | 351 | 1,027 | 1,000 | 417 | 182 | 102 | 83 | 2,093 |
| 40-44 | | 14 | 144 | 497 | 1,000 | 1,000 | 417 | 182 | 102 | 1,243 |
| 45-49 | | 5 | 73 | 255 | 417 | 417 | 417 | 182 | 102 | 815 |
| 50-59 | | 1 | 47 | 182 | 417 | 417 | 417 | 417 | 417 | 781 |
| 60+ | | | 21 | 102 | 182 | 417 | 417 | 417 | 417 | 510 |
| TOTAL | 254 | 4,869 | 7,867 | 4,665 | 2,867 | 1,731 | 1,052 | 1,129 | 926 | 25,154 |

More than half of the people who got married during 1989 were in their twenties: 59% of the brides and 51% of the grooms were aged between 20 and 29.

Over the past 13 years the average age of brides and grooms who got married in British Columbia has been increasing. In particular, the average age for first marriages amongst brides has increased from 22.5 years in 1977 to 25.6 in 1989. First marriage grooms showed an increase of 2.6 years from 25.2 to 27.8 years respectively, over the same period of time.

**Table 22**

**Average Age Of Bride And Groom**
**British Columbia, 1977 - 1989**

| Year of Marriage | Average Age (in Years) | | | |
|---|---|---|---|---|
| | First Marriage | | All Marriages | |
| | Bride | Groom | Bride | Groom |
| 1977 | 22.5 | 25.2 | 26.2 | 29.3 |
| 1978 | 22.7 | 25.2 | 26.3 | 29.3 |
| 1979 | 22.9 | 25.5 | 26.6 | 29.6 |
| 1980 | 23.1 | 25.5 | 26.6 | 29.6 |
| 1981 | 23.2 | 25.7 | 26.7 | 29.7 |
| 1982 | 23.6 | 26.0 | 26.9 | 30.0 |
| 1983 | 23.9 | 26.3 | 27.3 | 30.3 |
| 1984 | 24.2 | 26.6 | 27.7 | 30.8 |
| 1985 | 24.5 | 26.8 | 28.0 | 31.1 |
| 1986 | 24.7 | 27.1 | 28.5 | 31.6 |
| 1987 | 25.1 | 27.6 | 29.3 | 32.3 |
| 1988 | 25.3 | 27.6 | 29.2 | 32.2 |
| 1989 | 25.6 | 27.8 | 29.5 | 32.5 |

**Figure 10**

**Trends of Average Age of Bride And Groom**
**British Columbia, 1977 - 1989**

# VI. DEATH STATISTICS SUMMARY



This section deals exclusively with statistics arising from death events. As statistical information pertaining to death events is of great interest, we have included tables and figures which relate information about death by age, sex and cause. Of particular interest are the topics of infant mortality, AIDS and deaths from external causes, especially motor vehicle accidents. For this reason considerable space in this section is devoted to these topics. Introduced for the first time in a Vital Statistics Annual Report are death statistics related in terms of age standardized mortality rates, standard mortality ratios and potential years of life lost. These measures are used to compare deaths in different geographical areas by age, sex and cause. A number of maps have been used to illustrate how patterns of death differ geographically in British Columbia.

Some of the key statistics relating to death events are:

- there were 22,776 deaths to residents of British Columbia in 1989;
- an average of 62 British Columbia residents died each day;
- while the number of deaths increased by 511 since 1988, the crude death rate remained at 7.5 deaths per 1,000 population;
- slightly more deaths occurred at home in 1989 (13.5%) than in 1988 (13.0%);
- heart disease and malignant neoplasms (cancer) were the leading causes of death in 1989 just as in 1988, with heart disease accounting for 27.7% and malignant neoplasms 27.1%;
- cerebrovascular disease (e.g. stroke) continued to be the third leading cause of death accounting for 7.9% of all deaths;
- accidents are the fourth leading cause of death (accounting for 5.3% of all deaths);
- infant deaths per 1,000 live births decreased from 8.3 to 7.9 while stillbirths increased from 6.9 to 7.1 per 1,000 total births over 1988;
- autopsies were performed for approximately 25% of all deaths, with coroner investigations taking place in 15%;
- there were 164 persons over the age of 100 who died in British Columbia in 1989 with the oldest being 110 years old.

# Cause Of Death By Age And Sex
## British Columbia, 1999

| ICD9 Code | Cause of Death | Sex | Age Group <1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-44 | 45-64 | 65-79 | 80+ | TOTAL | Percent | ASMR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 001-139 | Infectious & parasitic diseases | M | . | 1 | . | . | . | 4 | 105 | 45 | 23 | 23 | 201 | 1.6 | 1.0 |
| | | F | 3 | . | . | . | 1 | 1 | 2 | 9 | 20 | 33 | 69 | 0.7 | 0.3 |
| 140-239 | Neoplasms | M | 1 | 5 | 2 | 1 | 6 | 2 | 101 | 844 | 1,697 | 700 | 3,359 | 27.0 | 15.7 |
| | | F | 2 | 2 | 2 | 3 | 3 | 4 | 140 | 710 | 1,337 | 694 | 2,897 | 28.0 | 13.0 |
| 240-279 | Endocrine,nutritional,metabolic diseases, & immunity disorders | M | 3 | 2 | . | . | 1 | 1 | 10 | 54 | 107 | 73 | 251 | 2.0 | 1.2 |
| | | F | 4 | . | . | 1 | 1 | 1 | 7 | 41 | 110 | 128 | 293 | 2.8 | 1.2 |
| 280-289 | Diseases of blood & blood forming organs | M | . | . | . | . | . | 1 | 1 | 3 | 11 | 19 | 35 | 0.3 | 0.2 |
| | | F | . | . | . | . | . | . | 2 | 4 | 13 | 30 | 49 | 0.5 | 0.2 |
| 290-319 | Mental disorders | M | . | . | . | . | 1 | 6 | 53 | 47 | 50 | 66 | 223 | 1.8 | 1.1 |
| | | F | . | . | . | . | . | 2 | 11 | 17 | 29 | 140 | 199 | 1.9 | 0.8 |
| 320-389 | Diseases of the nervous system & sense organs | M | 2 | 2 | . | 2 | 3 | . | 11 | 41 | 93 | 114 | 268 | 2.2 | 1.3 |
| | | F | 3 | 1 | . | . | 2 | 2 | 14 | 21 | 97 | 124 | 264 | 2.6 | 1.1 |
| 390-459 | Diseases of the circulatory system | M | 1 | . | . | 1 | . | 6 | 94 | 791 | 2,079 | 1,705 | 4,676 | 37.6 | 21.3 |
| | | F | 2 | . | . | . | 1 | 2 | 36 | 262 | 1,319 | 2,511 | 4,133 | 40.0 | 16.0 |
| 460-519 | Diseases of the respiratory system | M | 4 | 1 | . | 2 | . | 2 | 14 | 98 | 457 | 594 | 1,172 | 9.4 | 5.2 |
| | | F | 7 | 4 | . | . | 1 | 2 | 16 | 66 | 311 | 570 | 977 | 9.4 | 3.8 |
| 520-579 | Diseases of the digestive system | M | 1 | 1 | . | . | . | 2 | 26 | 118 | 152 | 119 | 419 | 3.4 | 2.0 |
| | | F | 1 | . | . | . | . | . | 13 | 57 | 132 | 197 | 400 | 3.9 | 1.7 |
| 580-629 | Diseases of the genitourinary system | M | . | . | . | . | . | . | 2 | 12 | 47 | 93 | 154 | 1.2 | 0.7 |
| | | F | . | . | 1 | . | . | . | 2 | 10 | 51 | 85 | 149 | 1.4 | 0.6 |
| 630-676 | Complications of pregnancy childbirth & the puerperium | M | . | . | . | . | . | . | . | . | . | . | . | . | . |
| | | F | . | . | . | . | . | . | 3 | . | . | . | 3 | 0.0 | . |
| 680-709 | Diseases of the skin & subcutaneous tissue | M | . | . | . | . | . | . | . | . | 2 | 3 | 5 | 0.0 | . |
| | | F | . | . | . | . | . | . | 1 | . | 5 | 3 | 9 | 0.1 | . |
| 710-739 | Diseases of the musculoskeletal system & connective tissue | M | . | . | 1 | . | . | 1 | 2 | 3 | 13 | 11 | 31 | 0.2 | 0.2 |
| | | F | . | . | . | . | 1 | 1 | 3 | 11 | 35 | 26 | 77 | 0.7 | 0.3 |
| 740-759 | Congenital anomalies | M | 43 | 8 | 1 | . | 2 | 1 | 6 | 5 | 2 | 3 | 71 | 0.6 | 0.5 |
| | | F | 44 | 3 | . | . | . | 3 | 2 | 3 | 7 | 2 | 64 | 0.6 | 0.5 |
| 760-779 | Certain conditions originating in the perinatal period | M | 85 | . | . | . | . | . | . | . | . | . | 85 | 0.7 | 0.7 |
| | | F | 56 | . | . | . | . | . | . | . | . | . | 56 | 0.5 | 0.4 |
| 780-799 | Symptoms, signs & ill-defined conditions | M | 55 | 5 | 3 | 2 | 12 | 15 | 78 | 72 | 46 | 29 | 317 | 2.6 | 1.9 |
| | | F | 23 | 3 | . | 2 | 4 | 8 | 32 | 40 | 37 | 43 | 192 | 1.9 | 1.0 |
| E800-E999 | External causes of injury & poisoning | M | 7 | 21 | 15 | 16 | 91 | 142 | 427 | 217 | 136 | 92 | 1,164 | 9.4 | 7.0 |
| | | F | 4 | 15 | 5 | 4 | 26 | 36 | 128 | 78 | 81 | 134 | 511 | 4.9 | 2.7 |
| **001-999** | **TOTAL** | **M** | **202** | **46** | **22** | **24** | **116** | **183** | **930** | **2,350** | **4,914** | **3,644** | **12,431** | **100.0** | **59.9** |
| | | **F** | **149** | **28** | **8** | **10** | **40** | **62** | **412** | **1,329** | **3,584** | **4,720** | **10,342** | **100.0** | **43.7** |

NOTE: Cases with unknown sex and unknown age are excluded.
ASMR denotes Age Standardized Mortality Rate per 10,000 population (see Glossary for more details).
Non-residents are excluded.

# Twelve Leading Causes Of Death
## British Columbia, 1988 - 1989

| Cause of Death (ICD9 Code) | 1988 Number | 1988 Percent | 1988 ASMR | 1988 Rank | 1989 Number | 1989 Percent | 1989 ASMR | 1989 Rank | Percentage Point Change |
|---|---|---|---|---|---|---|---|---|---|
| Diseases of Heart (390-398, 402, 404, 410-429) | 6,304 | 27.9 | 13.9 | 1 | 6,319 | 27.7 | 13.4 | 1 | -0.2 |
| **Malignant Neoplasms (140-208)** | **5,929** | **26.2** | **14.0** | **2** | **6,161** | **27.1** | **14.0** | **2** | **+0.9** |
| Cerebrovascular Disease (430-438) | 1,841 | 8.1 | 4.0 | 3 | 1,795 | 7.9 | 3.7 | 3 | - 0.2 |
| **Accidents(*) (E800-E949, E970-E999)** | **1,261** | **5.6** | **3.8** | **4** | **1,199** | **5.3** | **3.4** | **4** | **- 0.3** |
| Pneumonia (480-486) | 874 | 3.9 | 1.9 | 5 | 943 | 4.1 | 1.9 | 5 | + 0.2 |
| **Diseases of Arteries (440-448)** | **644** | **2.8** | **1.4** | **6** | **563** | **2.5** | **1.2** | **6** | **- 0.3** |
| Diabetes (250) | 428 | 1.9 | 1.0 | 7 | 413 | 1.8 | 0.9 | 7 | - 0.1 |
| **Suicide (E950-E959)** | **406** | **1.8** | **1.2** | **8** | **412** | **1.8** | **1.2** | **8** | **-** |
| Chronic Liver Dis & Cirrhosis (571) | 240 | 1.1 | 0.6 | 9 | 249 | 1.1 | 0.6 | 9 | - |
| **Emphysema (492)** | **137** | **0.6** | **0.3** | **11** | **170** | **0.7** | **0.4** | **10** | **+ 0.1** |
| Causes of Perinatal Mortality (760-779) | 142 | 0.6 | 0.6 | 10 | 141 | 0.6 | 0.6 | 11 | - |
| **AIDS/HIV Related (042-044)** | **114** | **0.5** | **0.3** | **12** | **136** | **0.6** | **0.4** | **12** | **+ 0.1** |
| Other Causes | 4,312 | 19.1 | 0.9 | - | 4,272 | 18.8 | 11.8 | - | - 0.3 |
| **TOTAL** | **22,632** | **100.0** | **52.4** | **-** | **22,773** | **100.0** | **51.5** | **-** | **-** |

NOTE: * Excludes suicide and homicide.
ASMR per 10,000 standard population (see Glossary for more details).
Rank is based upon number of deaths.
Cases with unknown age or sex are excluded.
Information for 1988 includes late registrations.
Non-residents are excluded.

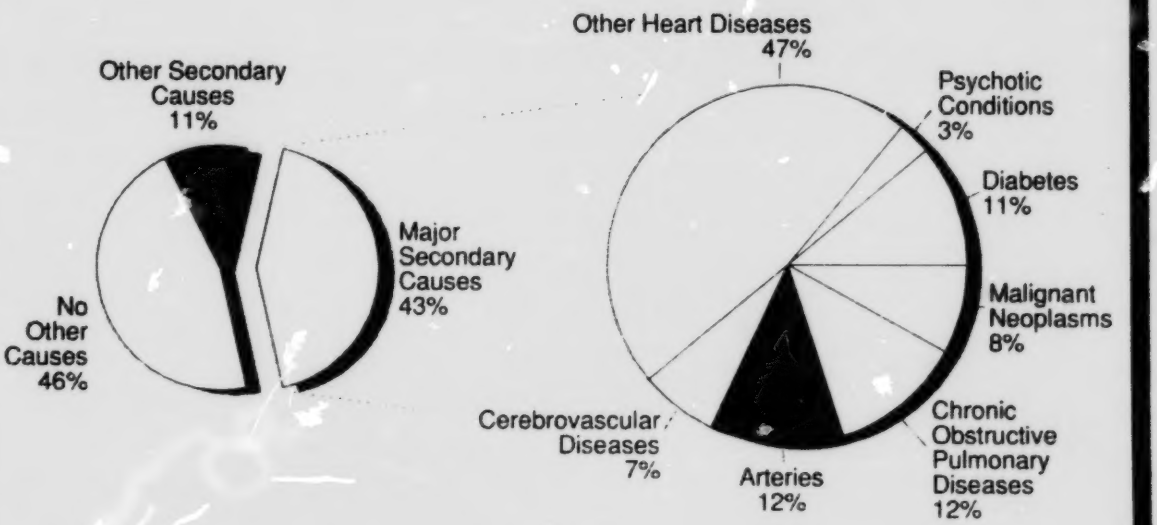


The twelve leading causes of death have virtually remained in the same order as in 1988, with the exception of emphysema and causes of perinatal mortality reversing their respective orders. The top four leading causes of death have remained unchanged and in the same order since 1975.

**Figure 11**

## First Leading Cause Of Death - Diseases Of The Heart By Contributing Factors (For Both Sexes)

British Columbia, 1989






Contributing factors (second ICD9 code) were noted in more than half (54%) of the 6,319 deaths due to the primary cause of heart disease. In this group of deaths due to heart disease, in which a secondary cause was noted, an additional form of heart disease was the most common contributing factor (47%). Typically, this would be an individual who died as a result of a myocardial infarction with a contributing factor of longstanding Arteriosclerotic Heart Disease.

## Table 25

### Leading Causes of Death By Age Groups
British Columbia Residents, 1996

| Causes of Death | ICD9 Code | Number | Percent |
|---|---|---|---|
| **Under 1 Year Old** | | | |
| 1. Congenital Anomalies | 740-759 | 87 | 24.8 |
| 2. Sudden Infant Death Syndrome | 798.0 | 70 | 19.9 |
| 3. Respiratory Conditions | 768-770 | 70 | 19.9 |
| 4. Immaturity/Prematurity | 764-765 | 33 | 9.4 |
| 5. Maternal Conditions/Complications of Labour and Delivery | 760-763 | 25 | 7.1 |
| Other Causes | | 66 | 18.8 |
| **TOTAL** | | **351** | **100.0** |
| **1-14 Years Old** | | | |
| 1. Accidents (*) | E800-E949, E970-E999 | 64 | 46.4 |
| 2. Congenital Anomalies | 740-759 | 12 | 8.7 |
| 3. Malignant Neoplasms | 140-208 | 12 | 8.7 |
| 4. Suicide | E950-E959 | 8 | 5.8 |
| 5. Respiratory Disease | 460-519 | 7 | 5.1 |
| Other Causes | | 35 | 25.4 |
| **TOTAL** | | **138** | **100.0** |
| **15-24 Years Old** | | | |
| 1. Accidents (*) | E800-E949, E970-E999 | 203 | 50.6 |
| 2. Suicide | E950-E959 | 78 | 19.5 |
| 3. Malignant Neoplasms | 140-208 | 14 | 3.5 |
| 4. Homicide | E960-E969 | 14 | 3.5 |
| 5. Drug/Alcohol Abuse | 303-305 | 9 | 2.2 |
| Other Causes | | 83 | 20.7 |
| **TOTAL** | | **401** | **100.0** |
| **25-44 Years Old** | | | |
| 1. Accidents (*) | E800-E949, E970-E999 | 354 | 26.4 |
| 2. Malignant Neoplasms | 140-208 | 237 | 17.7 |
| 3. Suicide | E950-E959 | 170 | 12.7 |
| 4. AIDS/HIV related | 042-044 | 98 | 7.3 |
| 5. Cardiovascular Disease | 390-429 | 91 | 6.8 |
| Other Causes | | 392 | 29.2 |
| **TOTAL** | | **1,342** | **100.0** |
| **45-64 Years Old** | | | |
| 1. Malignant Neoplasms | 140-208 | 1,536 | 41.8 |
| 2. Cardiovascular Disease | 390-429 | 845 | 23.0 |
| 3. Accidents (*) | E800-E949, E970-E999 | 193 | 5.2 |
| 4. Digestive System Disease | 520-579 | 175 | 4.8 |
| 5. Respiratory Disease | 460-519 | 164 | 4.5 |
| Other Causes | | 766 | 20.8 |
| **TOTAL** | | **3,679** | **100.0** |
| **65-84 Years Old** | | | |
| 1. Malignant Neoplasms | 140-208 | 3,684 | 31.3 |
| 2. Cardiovascular Disease | 390-429 | 3,638 | 30.9 |
| 3. Respiratory Disease | 460-519 | 1,193 | 10.1 |
| 4. Cerebrovascular Disease | 430-438 | 947 | 8.0 |
| 5. Digestive System Disease | 520-579 | 401 | 3.4 |
| Other Causes | | 1,915 | 16.3 |
| **TOTAL** | | **11,778** | **100.0** |
| **85 Years And Older** | | | |
| 1. Cardiovascular Disease | 390-429 | 1,501 | 29.5 |
| 2. Respiratory Disease | 460-519 | 703 | 13.8 |
| 3. Malignant Neoplasms | 140-208 | 477 | 9.4 |
| 4. Cerebrovascular Disease | 430-438 | 446 | 8.8 |
| 5. Digestive System Disease | 520-579 | 192 | 3.8 |
| Other Causes | | 1,015 | 19.9 |
| **TOTAL** | | **5,084** | **100.0** |

NOTE: *Excludes suicide and homicide.
Cases with unknown age are excluded.
Non-residents are excluded.

The leading cause of death in infants (under 1 year old) was related to congenital anomalies, with Sudden Infant Death Syndrome and respiratory conditions a close second. Accidents are the leading cause of death for ages 1 to 44, whereas cancer is the leading cause of death for ages 45 to 84. Cardiovascular disease is by far the most prevalent leading cause of death in individuals 85 years and older.

Both neonatal (death at less than 28 days) and early neonatal (death at less than 7 days) death rates have shown substantial declines in the past 30 years. Likewise, the infant mortality rate (deaths in the first year of life) has decreased substantially over the same 30 year period. The post neonatal (death within 28 to 364 days) death rate has also decreased over this time period. This has resulted in a significant decrease in the overall infant death rate.

## Table 26

### Trends Of Infant Mortality
### British Columbia, 1960 - 1989

| Year of Death | Age at Death: 0-6 days Number | 0-6 days Rate | 0-27 days Number | 0-27 days Rate | 28-364 days Number | 28-364 days Rate | N.S. | Total Infants Number | Total Infants Rate |
|---|---|---|---|---|---|---|---|---|---|
| 1960 | 535 | 13.3 | 612 | 15.3 | 321 | 8.0 | 9 | 942 | 23.5 |
| 1961 | 518 | 13.4 | 595 | 15.4 | 346 | 9.0 | - | 941 | 24.4 |
| 1962 | 511 | 13.4 | 589 | 15.4 | 270 | 7.1 | 4 | 863 | 22.6 |
| 1963 | 518 | 13.8 | 578 | 15.4 | 279 | 7.4 | 4 | 861 | 23.0 |
| 1964 | 485 | 13.5 | 540 | 15.0 | 263 | 7.3 | 7 | 810 | 22.6 |
| 1965 | 415 | 12.3 | 453 | 13.5 | 227 | 6.7 | 3 | 683 | 20.3 |
| 1966 | 435 | 13.4 | 494 | 15.2 | 263 | 8.1 | 4 | 761 | 23.4 |
| 1967 | 429 | 13.0 | 470 | 14.3 | 218 | 6.6 | 1 | 689 | 20.9 |
| 1968 | 375 | 11.1 | 438 | 13.0 | 214 | 6.4 | 4 | 656 | 19.5 |
| 1969 | 329 | 9.3 | 374 | 10.6 | 199 | 5.6 | - | 573 | 16.2 |
| 1970 | 369 | 10.0 | 416 | 11.3 | 193 | 5.2 | 2 | 611 | 16.6 |
| 1971 | 409 | 11.7 | 450 | 12.9 | 185 | 5.3 | - | 635 | 18.2 |
| 1972 | 322 | 9.3 | 373 | 10.8 | 195 | 5.6 | 1 | 569 | 16.5 |
| 1973 | 317 | 9.2 | 363 | 10.6 | 185 | 5.4 | 3 | 551 | 16.0 |
| 1974 | 310 | 8.7 | 348 | 9.8 | 196 | 5.5 | 2 | 546 | 15.4 |
| 1975 | 278 | 7.7 | 321 | 8.8 | 169 | 4.7 | 1 | 491 | 13.5 |
| 1976 | 292 | 8.1 | 324 | 9.0 | 152 | 4.2 | 2 | 478 | 13.3 |
| 1977 | 246 | 6.7 | 276 | 6.4 | 200 | 5.5 | - | 476 | 13.0 |
| 1978 | 245 | 6.6 | 286 | 7.7 | 178 | 4.8 | - | 464 | 12.5 |
| 1979 | 196 | 5.1 | 239 | 6.2 | 167 | 4.3 | - | 406 | 10.6 |
| 1980 | 188 | 4.7 | 235 | 5.9 | 186 | 4.6 | - | 421 | 10.5 |
| 1981 | 232 | 5.6 | 259 | 6.2 | 140 | 3.4 | 3 | 402 | 9.6 |
| 1982 | 217 | 5.1 | 251 | 5.8 | 150 | 3.5 | - | 401 | 9.3 |
| 1983 | 193 | 4.5 | 212 | 4.9 | 145 | 3.4 | 2 | 359 | 8.3 |
| 1984 | 184 | 4.2 | 205 | 4.6 | 150 | 3.4 | 1 | 356 | 8.1 |
| 1985 | 174 | 4.1 | 192 | 4.5 | 132 | 3.1 | - | 324 | 7.6 |
| 1986 | 166 | 4.0 | 196 | 4.6 | 143 | 3.4 | - | 339 | 8.1 |
| 1987 | 160 | 3.8 | 195 | 4.7 | 155 | 3.7 | - | 350 | 8.4 |
| 1988 | 191 | 4.5 | 221 | 5.1 | 133 | 3.1 | - | 354 | 8.3 |
| 1989 | 184 | 4.2 | 212 | 4.8 | 132 | 3.0 | | 344 | 7.9 |

NOTE: Rate per 1,000 live births in the specified year.
Infant Mortality - Age at death less than one year.
Early Neonatal - Age at death less than seven years.
Neonatal - Age at death less than 28 days.
Post Neonatal - Age at death 28 days to under one year.
Excludes non-residents and residents where infant was born outside of British Columbia.

## Figure 12

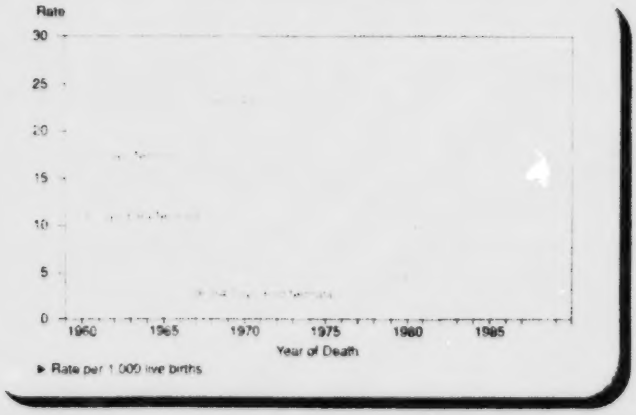


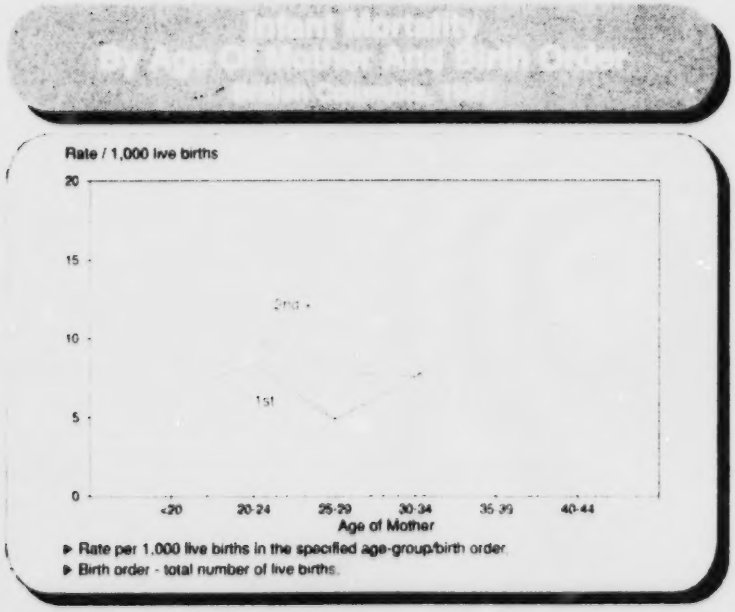
Table 27

## Infant Mortality By Age Of Mother And Birth Order
### British Columbia, 1989

| Age of Mother | Birth Order 1st | 2nd+ | N.S. | TOTAL Number | Rate |
|---|---|---|---|---|---|
| <15 | - | - | - | - | - |
| 15-19 | 14 | 3 | - | 17 | 6.7 |
| 20-24 | 43 | 39 | - | 82 | 9.0 |
| 25-29 | 33 | 73 | - | 106 | 6.6 |
| 30-34 | 27 | 61 | 1 | 89 | 7.7 |
| 35-39 | 11 | 27 | 2 | 40 | 10.5 |
| 40-44 | 2 | 4 | - | 6 | 13.0 |
| 45+ | - | - | - | - | - |
| N.S. | - | - | 4 | 4 | - |
| TOTAL | 130 | 207 | 7 | 344 | 7.9 |

NOTE: Infant Mortality - Age at death less than one year.
Rate per 1,000 live births in the specified age group.
Birth order denotes the number of live births.
N.S. - Not Stated.
Excludes non-residents and residents where the infant was born outside of British Columbia.

Figure 13




Regardless of birth order, the rate of infant mortality is highest for infants born to mothers aged 35 years or older. First born infants are slightly less likely to die before their first year of life compared to siblings for mothers under age 30. The highest infant mortality rates were 17.7 (1st born) and 11.5 (2nd or later) per 1,000 live births among mothers age 40 or older.

Table 28

## Infant Mortality And Stillbirths By Health Unit
### British Columbia, 1989

| Health Unit | Age at Death (in days) 0-6 | 7-27 | 28-364 | Total Number | Total Rate | Stillbirths Number | Stillbirths Rate |
|---|---|---|---|---|---|---|---|
| 01 East Kootenay | - | - | 5 | 5 | 5.4 | 1 | 1.1 |
| 02 Central Kootenay | 7 | - | 3 | 10 | 12.0 | 5 | 6.0 |
| 04 North Okanagan | 8 | 1 | 2 | 11 | 9.8 | 5 | 4.5 |
| 05 South Okanagan | 11 | 1 | 3 | 15 | 8.2 | 17 | 9.2 |
| 06 South Central | 8 | - | 4 | 12 | 8.2 | 14 | 9.5 |
| 07 Upper Fraser Valley | 3 | 2 | 5 | 10 | 4.7 * | 11 | 5.2 |
| 08 Central Fraser Valley | 11 | 2 | 11 | 24 | 9.1 | 20 | 7.5 |
| 09 Boundary | 11 | - | 12 | 23 | 4.6 * | 43 | 8.5 |
| 10 Simon Fraser | 11 | 1 | 5 | 17 | 6.2 | 14 | 5.1 |
| 11 Coast Garibaldi | 5 | - | 2 | 7 | 8.3 | 5 | 5.9 |
| 13 Central Vancouver Island | 9 | 3 | 9 | 21 | 8.9 | 16 | 6.7 |
| 14 Upper Island | 8 | 3 | 4 | 15 | 10.6 | 13 | 9.1 |
| 15 Cariboo | 8 | 2 | 3 | 13 | 13.0 | 7 | 6.9 |
| 16 Skeena | 7 | - | 7 | 14 | 9.0 | 14 | 9.0 |
| 17 Peace River | 4 | - | 5 | 9 | 8.7 | 12 | 11.5 |
| 18 Northern Interior | 9 | 2 | 8 | 19 | 10.0 | 14 | 7.3 |
| 20 Capital Regional District | 12 | 5 | 7 | 24 | 7.3 | 16 | 4.8 |
| 30 Vancouver | 29 | 4 | 29 | 62 | 10.4 | 48 | 8.0 |
| 31 Burnaby | 2 | 2 | 3 | 7 | 3.6 * | 20 | 10.3 |
| 32 Richmond | 7 | - | 1 | 8 | 5.0 | 8 | 5.0 |
| 33 North Shore | 4 | - | 4 | 8 | 4.1 * | 9 | 4.6 |
| Unknown | 10 | - | - | 10 | - | - | - |
| **TOTAL** | **184** | **28** | **132** | **344** | **7.9** | **312** | **7.1** |

NOTE: * Statistical testing indicates difference from the provincial rate ($P < 0.05$ two tailed).
Infant Mortality - Age at death less than one year.
Early Neonatal - Age at death less than seven days.
Neonatal - Age at death less than 28 days.
Post Neonatal - Age at death 28 days to under one year.
Rate per 1,000 live births and Stillbirth rate per 1,000 total births in the specified health unit.
Excludes non-residents and deaths to residents where the infant was born outside of British Columbia.

The Upper Fraser Valley, Boundary, Burnaby and the North Shore Health Units all had infant mortality rates that were significantly lower than the Provincial rate. The Cariboo and Central Kootenay Health Units had the highest infant mortality rates, although not significantly higher than the Provincial rate.

## Table 29

### Infant Mortality By Age Of Mother And Birth Weight
British Columbia, 1989

| Age of Mother | Birth Weight (in grams) <1500 | 1500-2499 | 2500+ | N.S. | TOTAL Number | Percent |
|---|---|---|---|---|---|---|
| <15 | - | - | - | - | - | - |
| 15-19 | 8 | - | 7 | 2 | 17 | 4.9 |
| 20-24 | 29 | 7 | 43 | 3 | 82 | 23.8 |
| 25-29 | 40 | 14 | 50 | 2 | 106 | 30.8 |
| 30-34 | 36 | 7 | 44 | 2 | 89 | 25.9 |
| 35-39 | 18 | 4 | 17 | 1 | 40 | 11.6 |
| 40-44 | 3 | 3 | - | - | 6 | 1.7 |
| 45+ | - | - | - | - | - | - |
| N.S. | - | - | - | 4 | 4 | 1.2 |
| TOTAL | 134 | 35 | 161 | 14 | 344 | - |
| Percent | 39.0 | 10.2 | 46.8 | 4.1 | - | 100.0 |

NOTE: Infant Mortality - Age at death less than one year.
N.S. - Not Stated.
Excludes non-residents and residents where the infant was born outside of British Columbia.

More than half (56.7%) of infant deaths occurred to mothers age 25-34. Almost half (46%) of all infants who died under one year of age were premature (less than 37 weeks gestation) and were of a low birth weight at birth (less than 2,500 grams). Of the infant deaths among premature and low birth weight babies, a great majority (84%) weighed less than 1,500 grams.

## Table 30

| Gestational Age (in weeks) | Birth Weight (in grams) <1500 | 1500-2499 | 2500+ | N.S. | TOTAL Number | Percent |
|---|---|---|---|---|---|---|
| <20 | 2 | | | | 2 | 0.6 |
| 20-27 | 104 | 1 | 1 | 7 | 113 | 32.8 |
| 28-31 | 25 | 25 | 16 | 1 | 68 | 19.8 |
| 32-36 | 1 | 9 | 140 | 1 | 151 | 43.9 |
| 42+ | | | 4 | 1 | 5 | 1.5 |
| N.S. | 1 | | | 4 | 5 | 1.5 |
| TOTAL | 134 | 35 | 161 | 14 | 344 | 100.0 |

NOTE: Infant Mortality - Age at death less than one year
N.S. - Not Stated.
Excludes non-residents and residents where the infant was born outside of British Columbia.

## Table 31

### AIDS And HIV Related Deaths By Age And Sex
British Columbia, 1988 - 1989

The ratio of males to females for AIDS and HIV related deaths was approximately 28 to 1 for 1988 and 26 to 1 for 1989. People who die from AIDS are predominantly in the 30 - 49 year age group.

| Age Group | 1988 Male | 1988 Female | 1988 Total | 1988 Percent | 1989 Male | 1989 Female | 1989 Total | 1989 Percent | Percentage Point Change |
|---|---|---|---|---|---|---|---|---|---|
| <20 | - | 1 | 1 | 0.9 | - | 1 | 1 | 0.7 | -0.2 |
| 20-29 | 15 | 1 | 16 | 14.0 | 11 | 2 | 13 | 9.6 | -4.4 |
| 30-39 | 39 | - | 39 | 34.2 | 60 | 1 | 61 | 44.9 | +10.7 |
| 40-49 | 37 | 1 | 38 | 33.3 | 47 | - | 47 | 34.6 | +1.3 |
| 50-59 | 12 | 1 | 13 | 11.4 | 9 | 1 | 10 | 7.4 | -4.0 |
| 60+ | 7 | - | 7 | 6.1 | 4 | - | 4 | 2.9 | -3.2 |
| TOTAL | 110 | 4 | 114 | 100.0 | 131 | 5 | 136 | 100.0 | - |

NOTE: Non-residents are excluded

## Figure 14

### AIDS And HIV Related Deaths By Age Group
British Columbia, 1988-1989

There was more than a 10.7 percentage point increase in AIDS and HIV related deaths among the 30 to 39 age group in 1989, as compared to 1988.

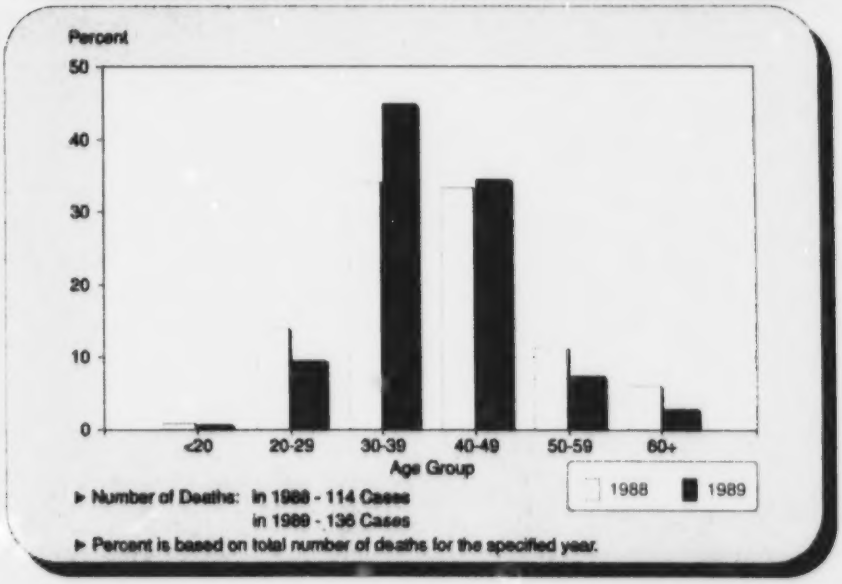
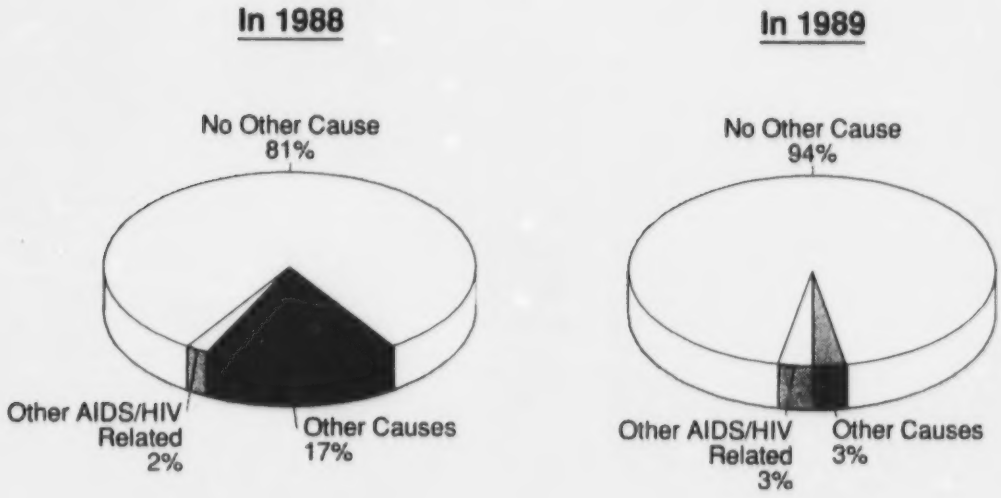


Figure 15

## AIDS And HIV Related Deaths By Contributing Factors
### British Columbia, 1988-1989






This figure illustrates some of the characteristics of AIDS and HIV related diseases as manifested in British Columbia over a two year period. During 1989, 3% of AIDS and HIV related deaths had a contributing factor, as compared to 17% in 1988. Chief among these contributing factors that appear to be less evident in 1989 are secondary infectious and parasitic diseases.

## Table 32

### Standardized Mortality Ratio By Health Unit For All Causes Of Death British Columbia, 1994

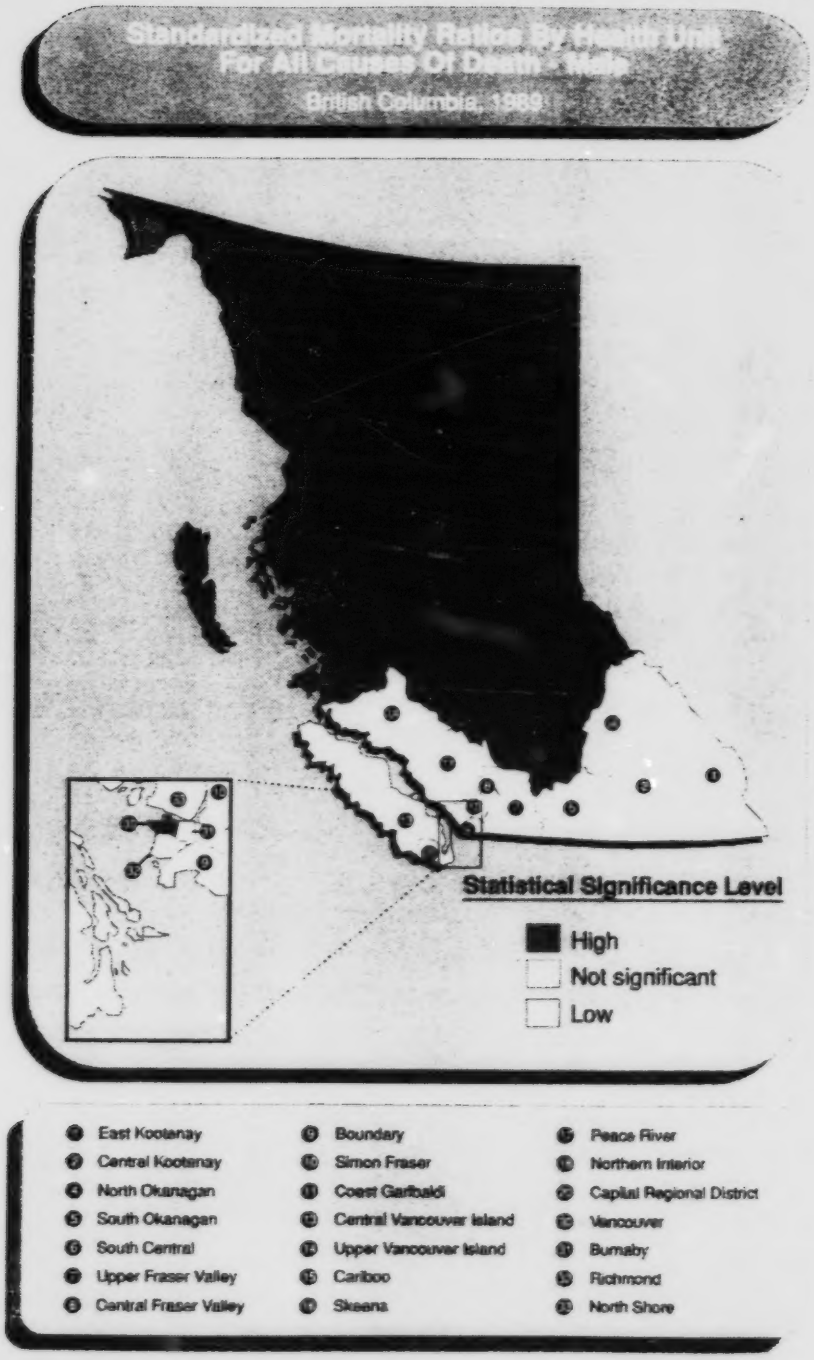
| Health Unit | Sex | Number of Deaths | SMR | 95% Confidence Limit Lower | Upper |
|---|---|---|---|---|---|
| 01 East Kootenay | M | 246 | 0.96 | 0.9 | 1.1 |
| | F | 165 | 0.92 | 0.8 | 1.1 |
| 02 Central Kootenay | M | 363 | 1.07 | 1.0 | 1.2 |
| | F | 250 | 1.00 | 0.9 | 1.1 |
| 04 North Okanagan | M | 373 | 0.85 * | 0.8 | 0.9 |
| | F | 303 | 0.96 | 0.9 | 1.1 |
| 05 South Okanagan | M | 847 | 0.89 * | 0.8 | 1.0 |
| | F | 650 | 0.91 * | 0.8 | 1.0 |
| 06 South Central | M | 390 | 1.14 * | 1.0 | 1.3 |
| | F | 266 | 1.15 * | 1.0 | 1.3 |
| 07 Upper Fraser Valley | M | 589 | 0.95 | 0.9 | 1.0 |
| | F | 445 | 0.92 | 0.8 | 1.0 |
| 08 Central Fraser Valley | M | 559 | 0.99 | 0.9 | 1.1 |
| | F | 436 | 1.01 | 0.9 | 1.1 |
| 09 Boundary | M | 1.059 | 0.94 * | 0.9 | 1.0 |
| | F | 826 | 0.92 * | 0.9 | 1.0 |
| 10 Simon Fraser | M | 600 | 1.06 | 1.0 | 1.2 |
| | F | 542 | 1.08 | 1.0 | 1.2 |
| 11 Coast Garibaldi | M | 214 | 0.97 | 0.9 | 1.1 |
| | F | 155 | 0.99 | 0.8 | 1.2 |
| 13 Central Van. Island | M | 831 | 1.06 | 1.0 | 1.1 |
| | F | 681 | 1.15 * | 1.1 | 1.2 |
| 14 Upper Island | M | 298 | 1.02 | 0.9 | 1.2 |
| | F | 222 | 1.07 | 0.9 | 1.2 |
| 15 Cariboo | M | 219 | 1.21 * | 1.1 | 1.4 |
| | F | 148 | 1.38 * | 1.2 | 1.6 |
| 16 Skeena | M | 222 | 1.19 * | 1.0 | 1.4 |
| | F | 121 | 1.13 | 0.9 | 1.4 |
| 17 Peace River | M | 178 | 1.26 * | 1.1 | 1.5 |
| | F | 99 | 1.16 | 1.0 | 1.4 |
| 18 Northern Interior | M | 303 | 1.21 * | 1.1 | 1.4 |
| | F | 183 | 1.25 * | 1.1 | 1.4 |
| 20 Capital Regional District | M | 1.365 | 0.90 * | 0.9 | 1.0 |
| | F | 1.403 | 0.95 * | 0.9 | 1.0 |
| 30 Vancouver | M | 2.306 | 1.15 * | 1.1 | 1.2 |
| | F | 1.943 | 1.00 | 1.0 | 1.1 |
| 31 Burnaby | M | 618 | 0.95 | 0.9 | 1.0 |
| | F | 618 | 1.01 | 0.9 | 1.1 |
| 32 Richmond | M | 312 | 0.80 * | 0.7 | 0.9 |
| | F | 293 | 0.90 | 0.8 | 1.0 |
| 33 North Shore | M | 524 | 0.86 * | 0.8 | 0.9 |
| | F | 585 | 1.00 | 0.9 | 1.1 |
| Unknown | M | 15 | | | |
| | F | 8 | | | |
| TOTAL | M | 12.431 | - | - | - |
| | F | 10.342 | - | - | - |

NOTE: * Statistical testing indicates a significant difference from the expected ($P < 0.05$ two tailed).
SMR denotes Standard Mortality Ratio (see Glossary for more details).
Cases with unknown sex or age are excluded.
Non-residents are excluded.

Several Health Units in the Province had Standardized Mortality Ratios (SMR) that were significantly (*) higher (greater than 1.00) or lower (less than 1.00) than the expected number of deaths in those particular health units.

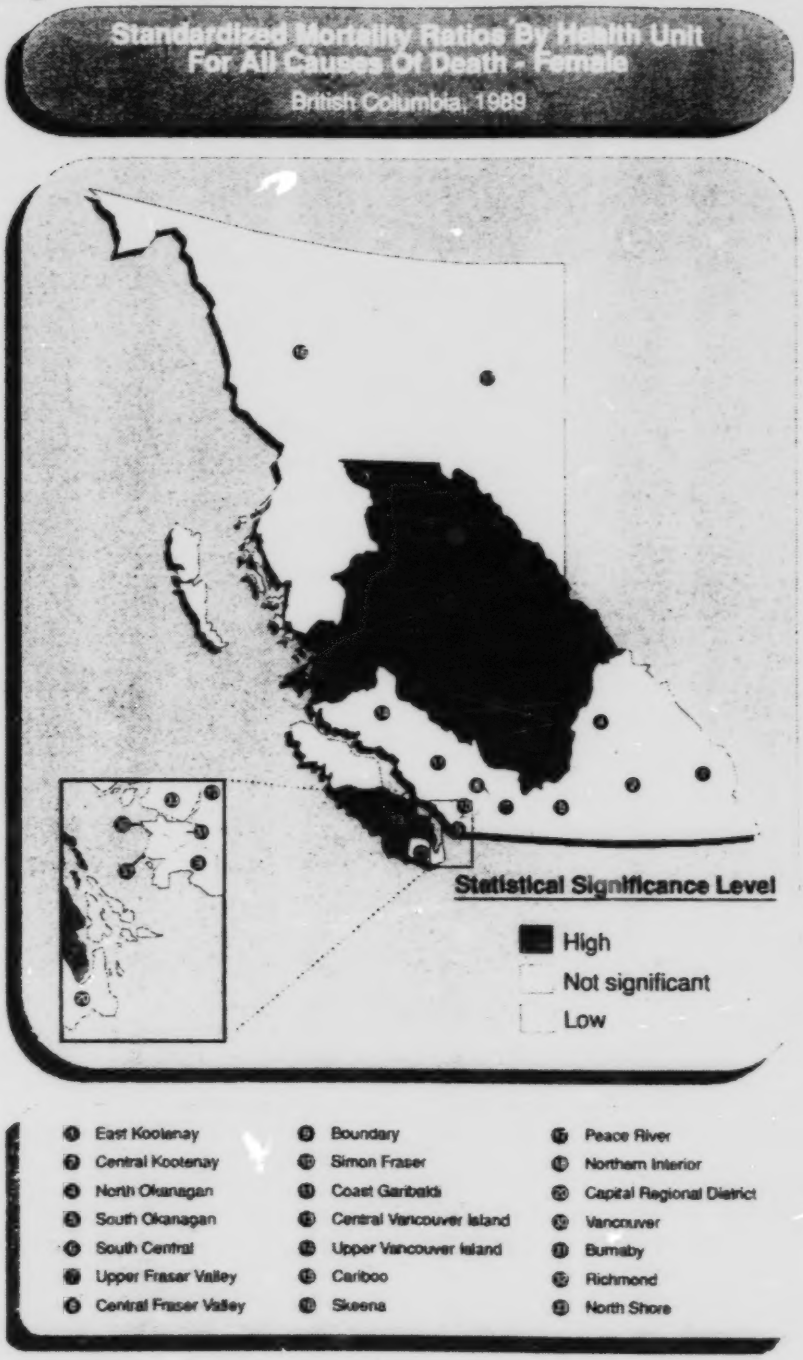
*See figures 16A and 16B for a geographical representation of these ratios.*

Figure 16A




The lowest Standardized Mortality Ratios for all causes of death for males were found in the Richmond (0.80), North Okanagan (0.85) and the North Shore (0.86) Health Units. The highest ratios were recorded in the Peace River (1.26), Cariboo (1.21) and the Northern Interior (1.21) Health Units.

Figure 16B




The lowest Standardized Mortality Ratios for all causes of death for females were found in the South Okanagan (0.91), Boundary (0.92) and the Capital Regional District (0.95) Health Units. The highest ratios were recorded in the Cariboo (1.38) and Nothern Interior (1.25) Health Units.

Table 33

## Potential Years Of Life Lost And Age Standardized Mortality Rates By Causes Of Death

British Columbia, 1995

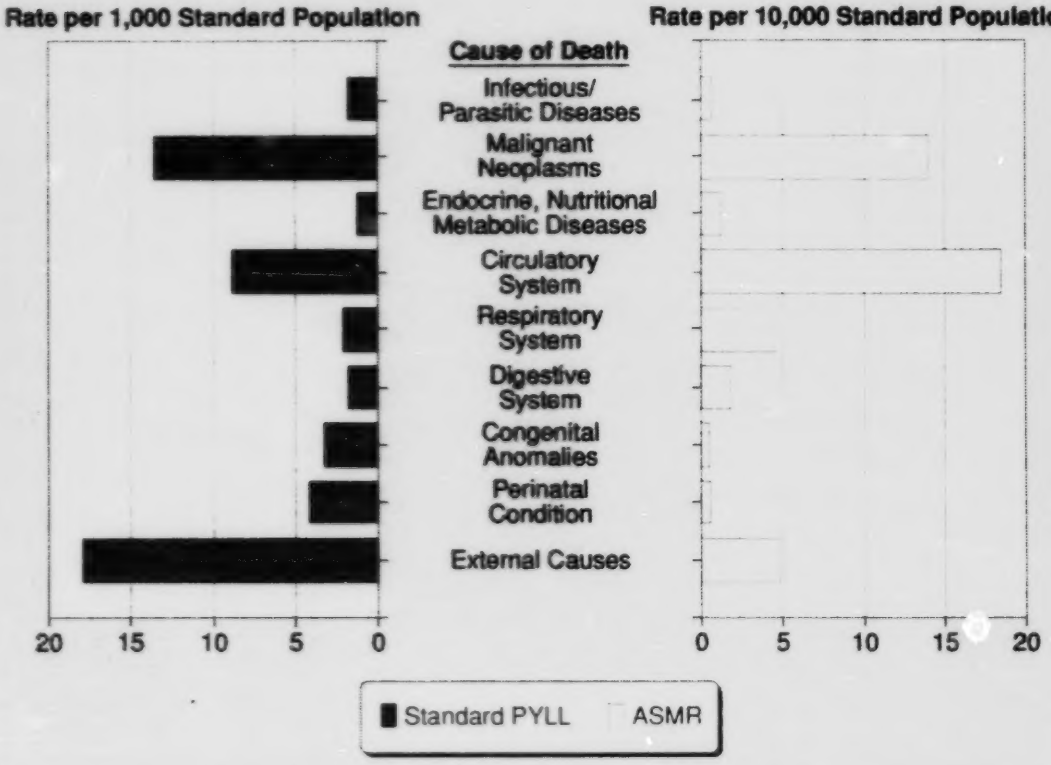
| Causes of Death | ICD9 Code | PYLL (Age Under 75 Years) Cases | Total PYLL | Percent PYLL | PYLL STD-Rate | Mortality (All Ages) Cases | Percent | ASMR |
|---|---|---|---|---|---|---|---|---|
| **Infectious/Parasitic** | 001-139 | 196 | 6,001 | 3.0 | 1.7 | 270 | 1.2 | 0.7 |
| -AIDS/HIV Related | 042-044 | 136 | 4,827 | 2.4 | 1.3 | 136 | 0.6 | 0.4 |
| **Malignant Neoplasms** | 140-208 | 3,803 | 47,344 | 23.7 | 13.5 | 6,161 | 27.1 | 14.0 |
| -Lung Cancer | 162 | 1,159 | 12,713 | 6.4 | 3.5 | 1,646 | 7.2 | 3.8 |
| -Female Breast | 174 | 368 | 5,665 | 2.8 | 3.3 | 506 | 2.2 | 2.4 |
| -Colorectal | 153-154 | 334 | 3,430 | 1.7 | 1.0 | 602 | 2.6 | 1.3 |
| **Endocrine, Nutritional, Metabolic Dis.** | 240-279 | 250 | 3,778 | 1.9 | 1.2 | 544 | 2.4 | 1.2 |
| -Diabetes | 250 | 183 | 2,003 | 1.0 | 0.6 | 413 | 1.8 | 0.9 |
| **Circulatory system** | 390-459 | 3,108 | 32,171 | 16.1 | 8.9 | 8,809 | 38.7 | 18.5 |
| -Coronary Heart | 410-4,4292 | 1,945 | 19,073 | 9.6 | 5.2 | 4,961 | 21.8 | 10.5 |
| -Cerebrovascular/Stroke | 430-4,436-8 | 504 | 5,730 | 2.9 | 1.6 | 1,792 | 7.9 | 3.7 |
| **Respiratory system** | 460-519 | 615 | 7,087 | 3.6 | 2.1 | 2,149 | 9.4 | 4.5 |
| -Pneumonia/Inf. | 480-487 | 198 | 3,274 | 1.6 | 1.1 | 997 | 4.4 | 2.1 |
| -Chronic Lung Disease | 491-2,496 | 313 | 2,232 | 1.1 | 0.6 | 856 | 3.8 | 1.8 |
| **Digestive system** | 520-579 | 407 | 5,846 | 2.9 | 1.7 | 819 | 3.6 | 1.8 |
| -Chronic Liver Cirrhosis | 571 | 210 | 3,265 | 1.6 | 0.9 | 249 | 1.1 | 0.6 |
| **Congenital Anomalies** | 740-759 | 128 | 8,189 | 4.1 | 3.3 | 135 | 0.6 | 0.5 |
| **Perinatal Condition** | 760-779 | 141 | 10,505 | 5.3 | 4.3 | 141 | 0.6 | 0.6 |
| **External Causes** | E800-E999 | 1,370 | 51,674 | 25.9 | 18.0 | 1,675 | 7.4 | 4.9 |
| -Motor Veh.Tra.Accidents | E810-E819 | 451 | 18,979 | 9.5 | 7.0 | 483 | 2.1 | 1.6 |
| -Suicide | E950-E959 | 386 | 14,015 | 7.0 | 4.7 | 412 | 1.8 | 1.2 |
| **TOTAL** | 001-999 | 11,031 | 199,383 | 100.0 | 63.8 | 22,773 | 100.0 | 51.5 |

NOTE: PYLL STD-Rate per 1,000 and ASMR per 10,000 standard population (see Glossary for more details).
Total PYLL denotes a total number of years of life lost from an established life expectancy (eg. 75 years).
Total includes other cause of death categories not shown.

Potential Years of Life Lost (PYLL) is an indicator of premature mortality that is useful for assisting health planners to define priorities with respect to prevention. As compared to an age standardized mortality rate, PYLL emphasizes mortality in younger age groups and identifies the major causes of premature mortality.

Figure 17

## Potential Years of Life Lost And Age-Standardized Mortality Rates By Selected Causes Of Death British Columbia, 1992






The leading causes of death, when based upon age standardized mortality rates, are diseases of the circulatory system. When viewed in terms of PYLL, the leading cause of life lost results from external causes, including motor vehicle accidents, suicides, accidental falls and poisonings. Deaths from conditions arising around the perinatal period, congenital anomalies, and external causes become more prominent in terms of PYLL, due to the number of years of life lost contributed by the younger individuals who typically die from these conditions.

Table 34

## Potential Years Of Life Lost By Age Group Major Causes Of Death (Age Under 75 Years) British Columbia, 1993

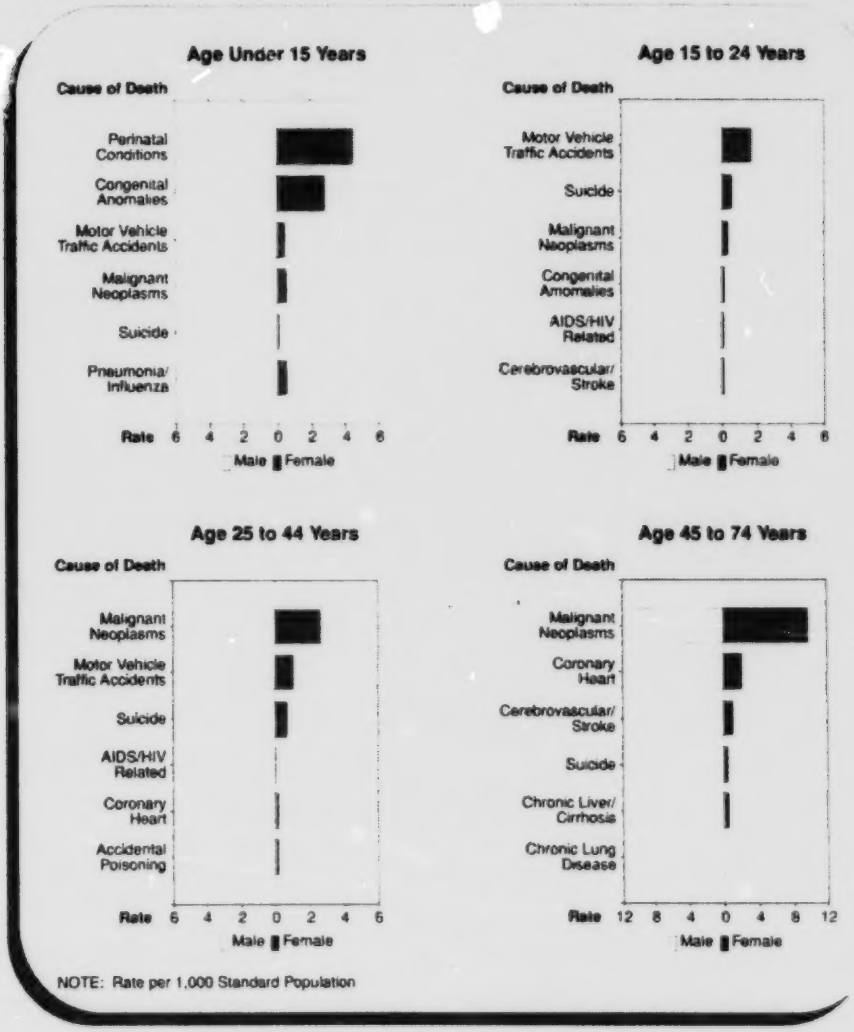
| Causes of Death | ICD9 Code | Number of Cases | Total PYLL | PYLL STD-Rate |
|---|---|---|---|---|
| **Under 15 Years Old** | | | | |
| 1. Perinatal Condition | 760 - 779 | 141 | 10,505 | 4.3 |
| 2. Congenital Anomalies | 740 - 759 | 99 | 7,341 | 3.0 |
| 3. Motor Vehicle Tr. Accidents | E810-E819 | 20 | 1,395 | 1.3 |
| 4. Malignant Neoplasms | 140 - 208 | 14 | 966 | 0.5 |
| 5. Suicide | E950-E959 | 6 | 375 | 0.4 |
| 6. Pneumonia/Influenza | 480 - 487 | 4 | 298 | 0.2 |
| **Age 15 to 24 Years Old** | | | | |
| 1. Motor Vehicle Tr. Accidents | E810-E819 | 153 | 8,373 | 3.8 |
| 2. Suicide | E950-E959 | 78 | 4,215 | 1.9 |
| 3. Malignant Neoplasms | 140 - 208 | 14 | 775 | 0.4 |
| 4. Congenital Anomalies | 740 - 759 | 6 | 325 | 0.1 |
| 5. AIDS/HIV Related | 042 - 044 | 3 | 158 | 0.1 |
| 6. Cerebrovascular/Stroke | 430-434,436-438 | 3 | 158 | 0.1 |
| **Age 25 to 44 Years Old** | | | | |
| 1. Malignant Neoplasms | 140 - 208 | 237 | 8,913 | 2.3 |
| 2. Motor Vehicle Tr. Accidents | E810-E819 | 171 | 7,043 | 1.9 |
| 3. Suicide | E950-E959 | 170 | 7,040 | 1.9 |
| 4. AIDS/HIV Related | 042 - 044 | 98 | 3,765 | 1.0 |
| 5. Coronary Heart | 410-414,4292 | 61 | 2,173 | 0.6 |
| 6. Accident Poisoning | E850-E869 | 36 | 1,395 | 0.4 |
| **Age 45 to 74 Years Old** | | | | |
| 1. Malignant Neoplasms | 140 - 208 | 3,538 | 36,690 | 10.4 |
| 2. Coronary Heart | 410-414,4292 | 1,883 | 16,848 | 4.7 |
| 3. Cerbrovascular/Stroke | 430-434,436-438 | 468 | 4,265 | 1.2 |
| 4. Suicide | E950-E959 | 130 | 2,260 | 0.7 |
| 5. Chronic Liver/Cirrhosis | 571 | 184 | 2,295 | 0.7 |
| 6. Chronic Lung Disease | 491-492,496 | 310 | 2,085 | 0.5 |

NOTE: PYLL STD-Rate per 1,000 standard population (see Glossary).
Cases with unknown age or sex are excluded.
Non-residents are excluded.

*See figure 18 for a graphical representation of these rates.*

**Figure 18**

**Potential Years Of Life Lost By Sex And Age Group For Selected Causes Of Death**
**United States, 1998**




Perinatal conditions, which are those having their origin primarily in the pre-birth period even though death or morbidity occurs later, are responsible for the most potential years of life lost when death occurs under the age of 15 years. Motor vehicle traffic accidents are the major contributor to potential years of life lost for persons in the 15-24 year category, while malignant neoplasms (cancer) is responsible for the majority of potential years of life lost in both the 25-44 and 45-74 years categories. In addition, Figure 18 shows the variability between males and females for the various causes of death.

## Table 35

### Potential Years Of Life Lost By Health Unit All Causes Of Death (Age Under 75 Years) British Columbia, 1989

| Health Unit | Sex | Number of Deaths | Total PYLL | PYLL-Index (Ratio) | 95% Confidence Limit Lower | Upper |
|---|---|---|---|---|---|---|
| 01 East Kootenay | M | 144 | 2,669 | 0.97 | 0.8 | 1.2 |
| | F | 77 | 1,274 | 0.91 | 0.6 | 1.2 |
| 02 Central Kootenay | M | 202 | 3,675 | 1.33 * | 1.1 | 1.6 |
| | F | 99 | 1,636 | 1.12 | 0.8 | 1.4 |
| 04 North Okanagan | M | 192 | 3,699 | 0.99 | 0.8 | 1.2 |
| | F | 125 | 2,166 | 1.08 | 0.8 | 1.4 |
| 05 South Okanagan | M | 401 | 6,004 | 0.90 | 0.8 | 1.0 |
| | F | 264 | 3,988 | 1.05 | 0.9 | 1.2 |
| 06 South Central | M | 244 | 5,323 | 1.25 * | 1.0 | 1.5 |
| | F | 146 | 2,950 | 1.36 * | 1.1 | 1.7 |
| 07 Upper Fraser Valley | M | 296 | 5,204 | 0.88 | 0.7 | 1.0 |
| | F | 173 | 2,737 | 0.86 | 0.7 | 1.1 |
| 08 Central Fraser Valley | M | 319 | 6,547 | 0.95 | 0.8 | 1.1 |
| | F | 187 | 3,199 | 0.89 | 0.7 | 1.1 |
| 09 Boundary | M | 596 | 10,382 | 0.78 * | 0.7 | 0.9 |
| | F | 345 | 5,953 | 0.84 * | 0.7 | 1.0 |
| 10 Simon Fraser | M | 339 | 6,494 | 0.88 | 0.8 | 1.0 |
| | F | 247 | 4,620 | 1.18 | 1.0 | 1.4 |
| 11 Coast Garibaldi | M | 122 | 2,455 | 1.06 | 0.8 | 1.3 |
| | F | 62 | 1,023 | 0.87 | 0.5 | 1.2 |
| 13 Central Van. Island | M | 460 | 7,947 | 1.08 | 0.9 | 1.2 |
| | F | 316 | 4,717 | 1.20 | 1.0 | 1.4 |
| 14 Upper Island | M | 202 | 4,489 | 1.15 | 0.9 | 1.4 |
| | F | 112 | 2,141 | 1.09 | 0.8 | 1.4 |
| 15 Cariboo | M | 156 | 4,189 | 1.58 * | 1.3 | 1.9 |
| | F | 86 | 2,134 | 1.62 * | 1.2 | 2.1 |
| 16 Skeena | M | 167 | 4,711 | 1.41 * | 1.1 | 1.7 |
| | F | 78 | 2,060 | 1.30 | 0.9 | 1.7 |
| 17 Peace River | M | 122 | 3,461 | 1.53 * | 1.2 | 1.9 |
| | F | 61 | 1,400 | 1.27 | 0.8 | 1.7 |
| 18 Northern Interior | M | 219 | 5,688 | 1.25 * | 1.0 | 1.5 |
| | F | 117 | 2,872 | 1.29 | 1.0 | 1.6 |
| 20 Capital Regional District | M | 653 | 9,882 | 0.84 * | 0.8 | 0.9 |
| | F | 462 | 5,946 | 0.89 | 0.8 | 1.0 |
| 30 Vancouver | M | 1278 | 24,720 | 1.24 * | 1.2 | 1.3 |
| | F | 630 | 10,155 | 0.97 | 0.9 | 1.1 |
| 31 Burnaby | M | 328 | 5,058 | 0.76 * | 0.6 | 0.9 |
| | F | 216 | 2,915 | 0.81 * | 0.7 | 1.0 |
| 32 Richmond | M | 194 | 2,887 | 0.57 * | 0.5 | 0.7 |
| | F | 129 | 2,176 | 0.79 * | 0.6 | 1.0 |
| 33 North Shore | M | 264 | 4,095 | 0.61 * | 0.5 | 0.7 |
| | F | 180 | 2,690 | 0.73 * | 0.6 | 0.9 |
| Unknown | M | 14 | | | | |
| | F | 7 | | | | |
| TOTAL | M | 6,912 | 130,236 | - | - | - |
| | F | 4,119 | 69,157 | - | - | - |

NOTE: * Statistical testing indicates a significant difference from the expected ($P < 0.05$ two tailed).
PYLL and PYLL-Index: see Glossary for more details.
Cases with unknown age or sex are excluded.
Non-residents are excluded.

*See figures 19A and 19B for a geographical representation of these indices.*

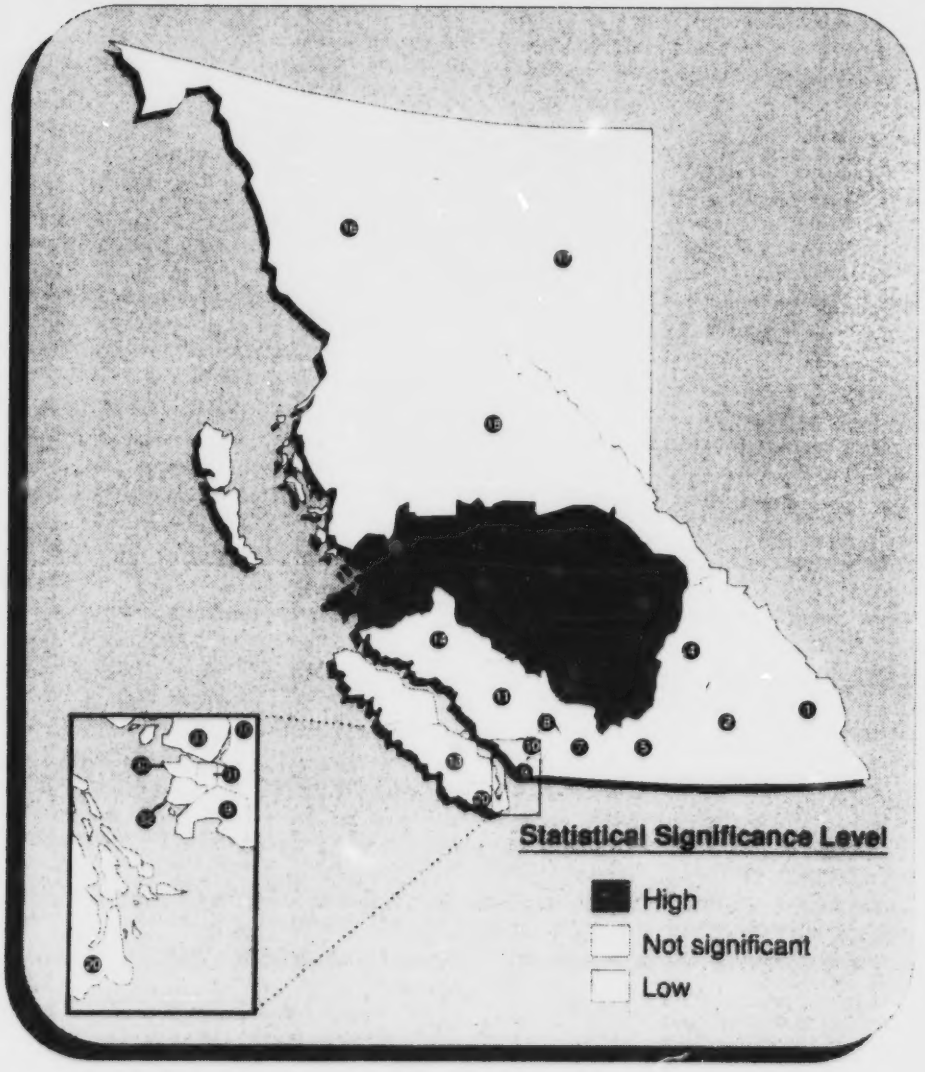
There were significantly (*) less potential years of life lost by both males and females in the Boundary, Burnaby, Richmond and North Shore Health Units as compared to their expected years of life lost, while significantly higher potential years of life lost, for both males and females, were experienced in the Cariboo and South Central Health Units. Overall, males contributed almost twice (1.9) the total number of potential years of life lost as compared to females.

Figure 19A

## Potential Years Of Life Lost By Health Unit
## All Causes Of Death - Male (Age Under 75 Years)
British Columbia, 1989

Figure 19B

## Potential Years Of Life Lost By Health Unit
## All Causes Of Death - Female (Age Under 75 Years)
British Columbia, 1989




| | | |
|---|---|---|
| 1 East Kootenay | 9 Boundary | 17 Peace River |
| 2 Central Kootenay | 10 Simon Fraser | 18 Northern Interior |
| 4 North Okanagan | 11 Coast Garibaldi | 20 Capital Regional District |
| 5 South Okanagan | 13 Central Vancouver Island | 29 Vancouver |
| 6 South Central | 14 Upper Vancouver Island | 31 Burnaby |
| 7 Upper Fraser Valley | 15 Cariboo | 32 Richmond |
| 8 Central Fraser Valley | 16 Skeena | 33 North Shore |

**Table 36**

## Deaths By External Causes Resulting From Accidents And Violence
### British Columbia, 1985 - 1989

| Cause of Death (ICD9 Code) | 1985 | | 1986 | | 1987 | | 1988 | | 1989 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number | ASMR | Number | ASMR | Number | ASMR | Number | ASMR | Number | ASMR |
| Motor Vehicle Accident (E810-E825) | 457 | 1.5 | 551 | 1.9 | 571 | 1.9 | 540 | 1.8 | 496 | 1.6 |
| Other Transport Accidents (E800-807, E826-848) | 65 | 0.2 | 87 | 0.3 | 86 | 0.3 | 71 | 0.2 | 60 | 0.2 |
| Accidental Poisoning (E860-869) | 115 | 0.4 | 120 | 0.4 | 105 | 0.3 | 106 | 0.3 | 68 | 0.2 |
| Accidental Fall (E880-888) | 288 | 0.7 | 264 | 0.7 | 291 | 0.7 | 257 | 0.6 | 250 | 0.5 |
| Acc Caused by Fire/Flames (E890-899) | 55 | 0.2 | 53 | 0.2 | 37 | 0.1 | 52 | 0.2 | 53 | 0.2 |
| Drowning/Submersion (E910) | 54 | 0.2 | 61 | 0.2 | 68 | 0.2 | 51 | 0.2 | 61 | 0.2 |
| Acc Caused by Firearm Missle (E922) | 4 | 0.0 | 2 | 0.0 | 8 | 0.0 | 3 | 0.0 | 7 | 0.0 |
| Acc Caused by Machinery (E919) | 18 | 0.1 | 20 | 0.1 | 14 | 0.0 | 23 | 0.1 | 21 | 0.1 |
| All Other Accidents (E870-879, E900-909, E911-918, E920-921, E923-949, E970-978) | 163 | 0.5 | 143 | 0.5 | 137 | 0.4 | 145 | 0.4 | 173 | 0.5 |
| Suicide (E950-959) | 468 | 1.4 | 453 | 1.4 | 415 | 1.2 | 406 | 1.2 | 412 | 1.2 |
| Homicide (E960-969) | 106 | 0.4 | 84 | 0.3 | 78 | 0.3 | 74 | 0.2 | 64 | 0.2 |
| Acc or Purposely Inflicted (E980-989) | 32 | 0.1 | 21 | 0.1 | 15 | 0.0 | 13 | 0.0 | 9 | 0.0 |
| Injury from Operations of War (E990-999) | - | - | - | - | 1 | 0.0 | - | - | 1 | 0.0 |
| TOTAL (E800-999) | 1,825 | 5.6 | 1,859 | 5.7 | 1,826 | 5.5 | 1,741 | 5.2 | 1,675 | 4.9 |

**NOTE:** ASMR per 10,000 standard population (see Glossary for more details).
Cases with unknown age are excluded.
Non-residents are excluded.

The leading causes of death from external causes over the last 5 years were motor vehicle accidents, suicides and accidental falls.

Table 37

## Motor Vehicle Accidental Deaths By Health Unit
British Columbia, 1989

| Health Unit | Sex | Number of Deaths | SMR | 95% Confidence Limit Lower | Upper |
|---|---|---|---|---|---|
| 01 East Kootenay | M | 10 | 1.36 | 0.7 | 2.6 |
| | F | 5 | 1.65 | 0.6 | 4.0 |
| 02 Central Kootenay | M | 15 | 2.07 * | 1.2 | 3.5 |
| | F | 1 | 0.31 | 0.0 | 2.0 |
| 04 North Okanagan | M | 11 | 1.13 | 0.6 | 2.1 |
| | F | 7 | 1.66 | 0.7 | 3.5 |
| 05 South Okanagan | M | 26 | 1.51 | 1.0 | 2.2 |
| | F | 5 | 0.63 | 0.2 | 1.5 |
| 06 South Central | M | 19 | 1.66 * | 1.0 | 2.6 |
| | F | 14 | 3.03 * | 1.7 | 5.2 |
| 07 Upper Fraser Valley | M | 15 | 0.95 | 0.5 | 1.6 |
| | F | 8 | 1.20 | 0.5 | 2.4 |
| 08 Central Fraser Valley | M | 20 | 1.11 | 0.7 | 1.7 |
| | F | 11 | 1.46 | 0.8 | 2.7 |
| 09 Boundary | M | 37 | 1.06 | 0.8 | 1.5 |
| | F | 14 | 0.94 | 0.5 | 1.6 |
| 10 Simon Fraser | M | 16 | 0.79 | 0.5 | 1.3 |
| | F | 9 | 1.07 | 0.5 | 2.1 |
| 11 Coast Garibaldi | M | 4 | 0.67 | 0.2 | 1.8 |
| | F | 1 | 0.42 | 0.0 | 2.6 |
| 13 Central Van. Island | M | 20 | 1.07 | 0.7 | 1.7 |
| | F | 10 | 1.22 | 0.6 | 2.3 |
| 14 Upper Island | M | 14 | 1.36 | 0.8 | 2.3 |
| | F | 5 | 1.22 | 0.4 | 3.0 |
| 15 Cariboo | M | 20 | 2.85 * | 1.8 | 4.5 |
| | F | 7 | 2.53 * | 1.1 | 5.4 |
| 16 Skeena | M | 12 | 1.31 | 0.7 | 2.3 |
| | F | 2 | 0.59 | 0.1 | 2.3 |
| 17 Peace River | M | 17 | 2.75 * | 1.6 | 4.5 |
| | F | 6 | 2.53 | 1.0 | 5.7 |
| 18 Northern Interior | M | 22 | 1.77 * | 1.1 | 2.7 |
| | F | 13 | 2.73 * | 1.5 | 4.8 |
| 20 Capital Regional District | M | 10 | 0.31 * | 0.2 | 0.6 |
| | F | 7 | 0.48 * | 0.2 | 1.0 |
| 30 Vancouver | M | 37 | 0.66 * | 0.5 | 0.9 |
| | F | 14 | 0.59 | 0.3 | 1.0 |
| 31 Burnaby | M | 10 | 0.56 | 0.3 | 1.1 |
| | F | 3 | 0.39 | 0.1 | 1.2 |
| 32 Richmond | M | 4 | 0.30 * | 0.1 | 0.8 |
| | F | 1 | 0.17 | 0.0 | 1.1 |
| 33 North Shore | M | 8 | 0.46 * | 0.2 | 0.9 |
| | F | 5 | 0.65 | 0.2 | 1.6 |
| Unknown | M | 1 | - | - | - |
| | F | - | - | - | - |
| TOTAL | M | 348 | - | - | - |
| | F | 148 | - | - | - |

NOTE: * Statistical testing indicates a significant difference from the expected ($P < 0.05$ two tailed).
Motor Vehicle Accidental (M.V.A.) Death - ICD9 = E810-E825.
SMR denotes Standard Mortality Ratio (see Glossary for more details).

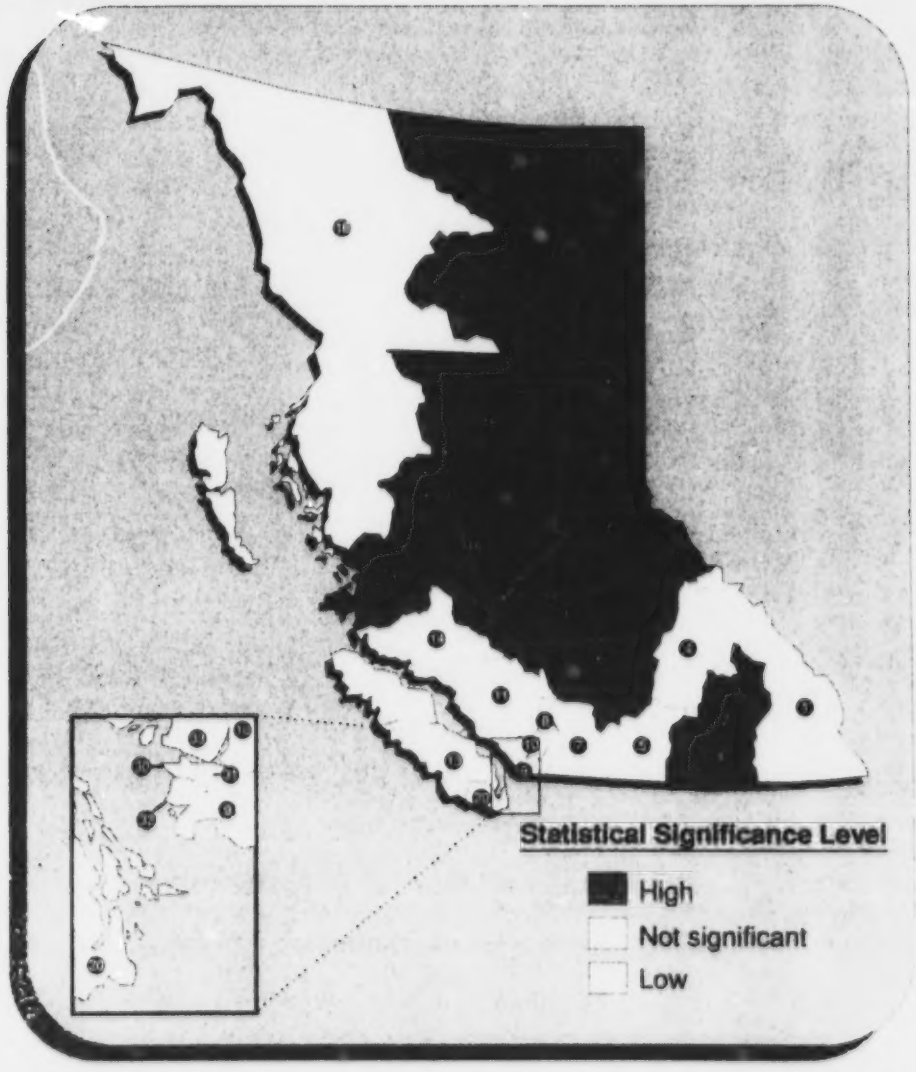
*See Figures 20A and 20B for a geographical representation of these ratios.*

The standard mortality ratios for motor vehicle accidental deaths were significantly lower, for both males and females, in the Capital Regional District than their expected value. Additionally, males in the Vancouver, Richmond and North Shore Health Units had ratios that were significantly lower than their expected values. Significantly higher ratios were recorded for both males and females in the South Central, Cariboo and Northern Interior Health Units.

Figure 20A

## Motor Vehicle Accidental Deaths By Health Unit - Male

British Columbia, 1989

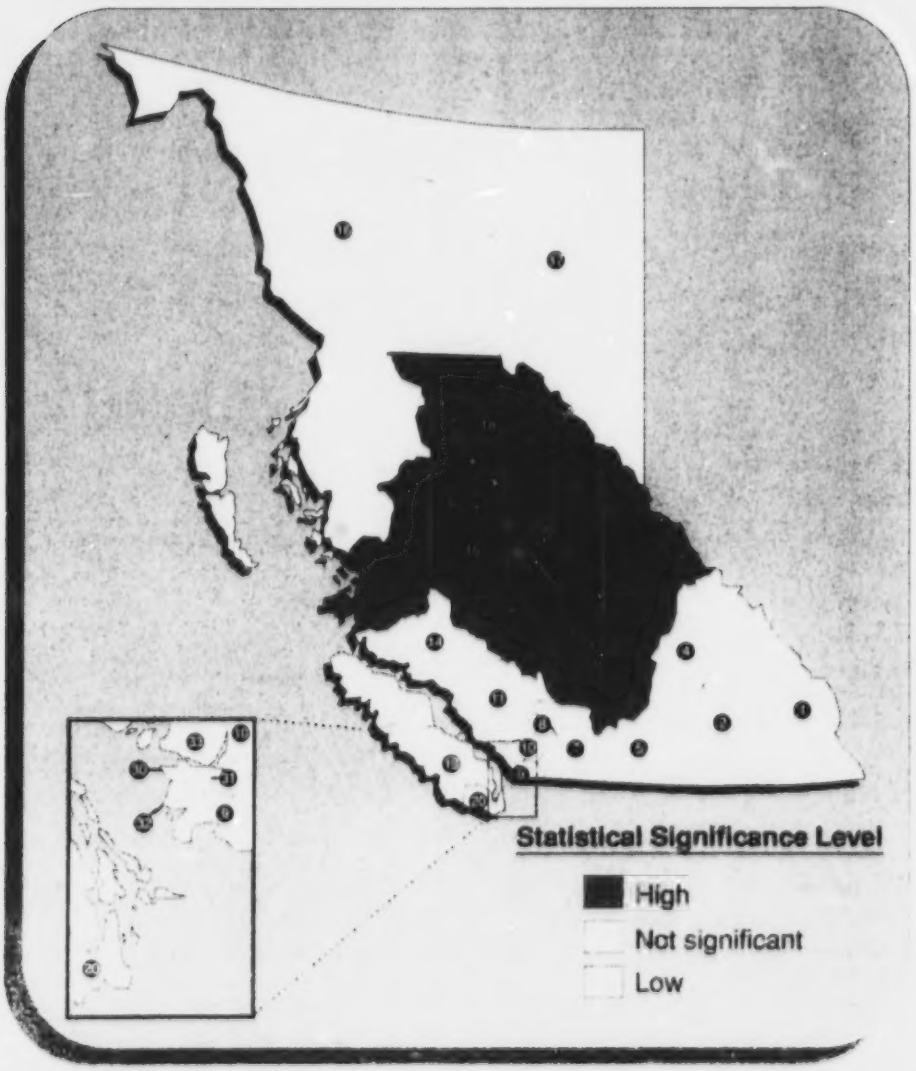



| | | |
|---|---|---|
| 1 East Kootenay | 9 Boundary | 17 Peace River |
| 3 Central Kootenay | 10 Simon Fraser | 19 Northern Interior |
| 4 North Okanagan | 11 Coast Garibaldi | 20 Capital Regional District |
| 5 South Okanagan | 12 Central Vancouver Island | 29 Vancouver |
| 6 South Central | 14 Upper Vancouver Island | 31 Burnaby |
| 7 Upper Fraser Valley | 15 Cariboo | 35 Richmond |
| 8 Central Fraser Valley | 16 Skeena | 33 North Shore |

Figure 20B

## Motor Vehicle Accidental Deaths By Health Unit - Female

British Columbia, 1989




1 East Kootenay
2 Central Kootenay
4 North Okanagan
5 South Okanagan
6 South Central
7 Upper Fraser Valley
8 Central Fraser Valley
9 Boundary
10 Simon Fraser
11 Coast Garibaldi
12 Central Vancouver Island
13 Upper Vancouver Island
14 Cariboo
15 Skeena
17 Peace River
18 Northern Interior
19 Capital Regional District
20 Vancouver
21 Burnaby
22 Richmond
23 North Shore

Overall, males exceeded females in total motor vehicle accidental deaths by a factor of 2.4 times. The majority of accidents occurred over the summer months (June through September) when motor vehicle traffic is at its peak. The winter months were the highest months for females while the summer months were peak months for males.

**Table 38**

**Motor Vehicle Accidental Deaths By Month**
**British Columbia, 1990**

| Month | Male | Percent | Female | Percent | TOTAL | Percent |
|---|---|---|---|---|---|---|
| January | 23 | 6.6 | 16 | 10.8 | 39 | 7.9 |
| February | 25 | 7.2 | 12 | 8.1 | 37 | 7.5 |
| March | 20 | 5.7 | 14 | 9.5 | 34 | 6.9 |
| April | 26 | 7.5 | 4 | 2.7 | 30 | 6.0 |
| May | 23 | 6.6 | 9 | 6.1 | 32 | 6.5 |
| June | 33 | 9.5 | 14 | 9.5 | 47 | 9.5 |
| July | 41 | 11.8 | 11 | 7.4 | 52 | 10.5 |
| August | 30 | 8.6 | 11 | 7.4 | 41 | 8.3 |
| September | 37 | 10.6 | 13 | 8.8 | 50 | 10.1 |
| October | 23 | 6.6 | 13 | 8.8 | 36 | 7.3 |
| November | 33 | 9.5 | 16 | 10.8 | 49 | 9.9 |
| December | 34 | 9.8 | 15 | 10.1 | 49 | 9.9 |
| TOTAL | 348 | 100.0 | 148 | 100.0 | 496 | 100.0 |

NOTE: M.V.A. Death - ICD9 = E810-E825.
Non-residents are excluded.

**Figure 21**

**Motor Vehicle Accidental Deaths By Month**
**British Columbia, 1990**

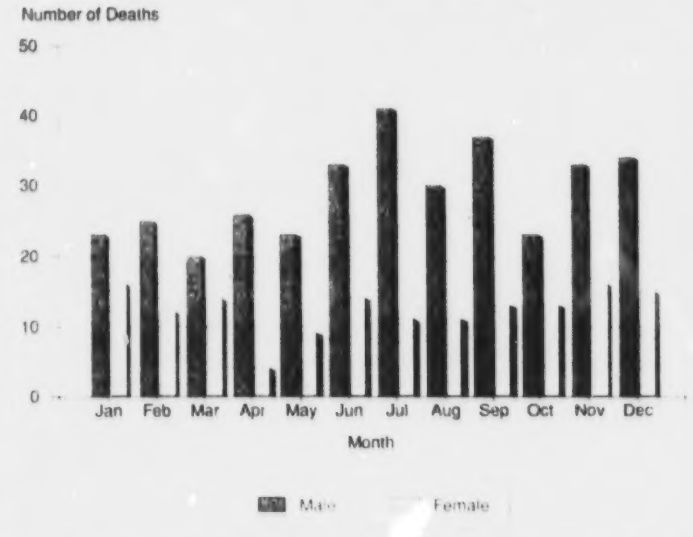


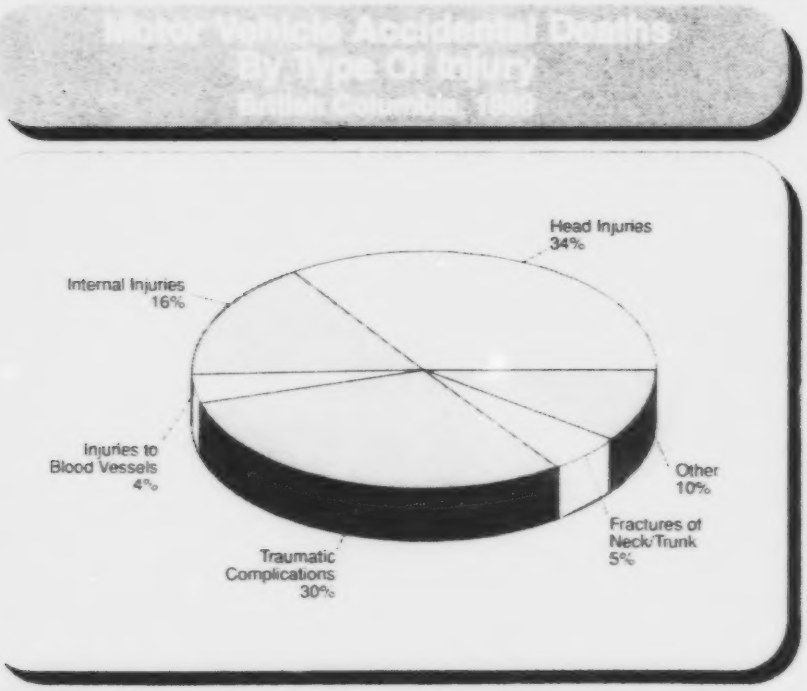
Table 39

## Motor Vehicle Accidental Deaths By Type of Injury British Columbia, 1989

| Type of Injuries (ICD9 Code) | Number of Cases | Percent |
|---|---|---|
| Head Injuries (800-804,850-854) | 171 | 34.5 |
| Traumatic Complication (958-959) | 151 | 30.4 |
| Internal Injuries (860-869) | 78 | 15.7 |
| Fracture of Neck/Trunk (805-809) | 26 | 5.2 |
| Injury to Blood Vessels (900-904) | 21 | 4.2 |
| Other (*) | 49 | 9.9 |
| **TOTAL** | **496** | **100.0** |

NOTE: M.V.A. Death - ICD9 = E810-E825.
* ICD9 800-999 except where specified above.
Non-residents are excluded.

Figure 22




Head injuries and traumatic complications accounted for almost two thirds (64.9%) of the fatal injuries associated with motor vehicle accidental deaths.

**Table 40**

**Motor Vehicle Accidental Death By Decedent's Association To Vehicle Prior To Death**
**British Columbia, 1988**

| Decedent | Number of Cases | Percent |
|---|---|---|
| Driver * | 186 | 37.5 |
| Passenger * | 114 | 23.0 |
| Pedal Cyclist | 9 | 1.8 |
| Pedestrian | 79 | 15.9 |
| Unspecified | 108 | 21.8 |
| TOTAL | 496 | 100.0 |

NOTE: M.V.A. Death - ICD9 = E810-E825.
Non-residents are excluded.
* Includes motorcyclist deaths.

Drivers accounted for 37.5% of the specified total deaths relating to motor vehicle accidental deaths of which, 11.8% were drivers of motorcycles. Passengers accounted for 23% of the total motor vehicle accidental deaths, with 3.5% being passengers on motorcycles.

**Figure 23**

**Motor Vehicle Accidental Deaths By Decedent's Association To Vehicle Prior To Death**
**British Columbia, 1988**

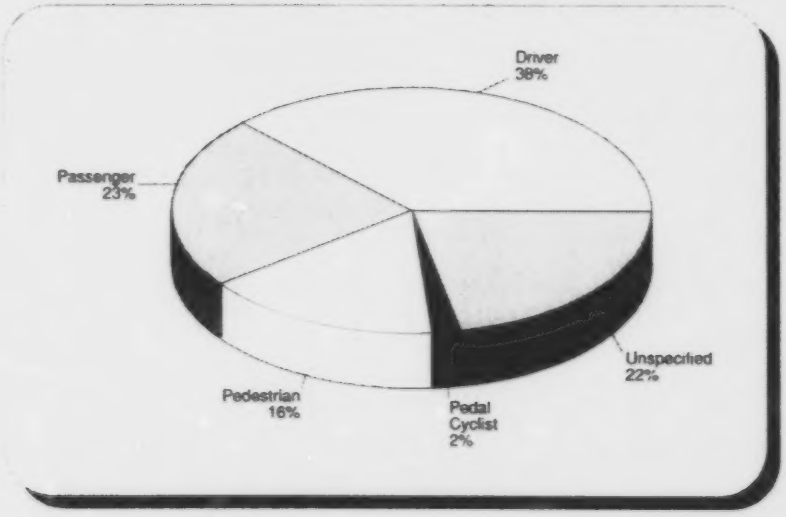


Table 41

# Method Of Disposition Of Decedent
## British Columbia, 1985 - 1989

| Year | Burial Number | Burial Percent | Cremation Number | Cremation Percent | Other Number | N.S. Number | TOTAL |
|---|---|---|---|---|---|---|---|
| 1985 | 8,557 | 40.5 | 12,433 | 58.8 | 108 | 31 | 21,129 |
| 1986 | 8,205 | 39.1 | 12,687 | 60.4 | 98 | 18 | 21,008 |
| 1987 | 8,208 | 38.0 | 13,279 | 61.4 | 103 | 25 | 21,615 |
| 1988 | 8,325 | 37.3 | 13,871 | 62.2 | 95 | 20 | 22,295 |
| 1989 | 8,063 | 35.4 | 14,611 | 64.2 | 80 | 22 | 22,776 |

NOTE: Percent is based on total deaths in the specified year.
Other includes donations as per will of deceased.
Non-residents are excluded.
N.S. - Not Stated.
Above information includes late registrations.

Over the past five years, burials have shown a 5.1 percentage point decrease as a method of disposition, whereas cremation has shown a 5.4 percentage point increase.

# VII. HEALTH SURVEILLANCE REGISTRY SUMMARY



The following section of this report deals with statistics from the Health Surveillance Registry, a data base of information pertaining to the frequency and distribution of certain illnesses and disabilities in the British Columbia population. Any person living in the Province who has a physical, mental, and/or emotional problem which is likely to be permanently disabling, to interfere with education, or to prevent full and open employment, as well as anyone born in the Province with a familial condition or congenital malformation (even if it is not disabling) meets the criteria for inclusion in the Health Surveillance Registry. Since the Registry's conception in 1950, it has accrued over 190,000 cases.

The reporting of cases is voluntary and information is received from a variety of sources including vital records, health units, special treatment centers and hospitals. Physicians, however, do not report cases to the Registry. Statistics can be provided without restriction, but all identifying information is confidential. Personal information is available only to the agency which registered the case or upon approval of the Director of the Division of Vital Statistics.

Statistics in this section can be used in the planning and development of health care services by providing data on the incidence of birth defects and the distribution of chronic handicapping conditions. Included is a table showing the number of reports received from various sources which can be used to gauge the completeness of data for specific conditions. Also included are statistics on the distribution of British Columbia residents in the data base, the prevalence of various handicapping conditions, and incidence rates for selected birth defects. The key statistics from the Health Surveillance Registry are:

- there were 193,635 cases in the data base at 1989 year end;
- 19.1% of the live cases on the Registry reside in the City of Vancouver;
- 1 in 20 live births have a major or minor congenital anomaly;
- there were at least 13,210 people with a mental handicap living in British Columbia at the year end 1989;
- approximately 10,999 people are blind or suffer from visual impairment;
- approximately 8,668 people suffer from epilepsy;
- approximately 5,811 people suffer from deafness.

Table 42

## Number Of Cases Reported To The Health Surveillance Registry In 1989 By Reporting Source

| Reporting Source | Number of Cases | Percent |
|---|---|---|
| Children's Hospital | 4,018 | 23.1 |
| The Arthritis Society | 2,964 | 17.1 |
| Vital Statistics - Live Births | 2,513 | 14.5 |
| Vital Statistics - Deaths | 2,224 | 12.8 |
| Canadian National Institute for the Blind | 2,131 | 12.3 |
| Diabetes Association | 1,133 | 6.5 |
| Provincial Health Units | 983 | 5.7 |
| G.F. Strong Rehabilitation Centre | 248 | 1.4 |
| Glendale Lodge | 140 | 0.8 |
| Woodlands School | 141 | 0.8 |
| Multiple Sclerosis Society | 113 | 0.7 |
| Vital Statistics - Stillbirths | 106 | 0.6 |
| Cancer Registry | 99 | 0.6 |
| U.B.C. Department of Genetics | 88 | 0.5 |
| Post Polio Awareness & Support Society | 69 | 0.4 |
| Vancouver Health Department | 50 | 0.3 |
| Prince George Child Development Centre | 35 | 0.2 |
| Cystic Fibrosis Foundation | 29 | 0.2 |
| Richmond Health Department | 28 | 0.2 |
| Capital Regional District Health Services | 27 | 0.2 |
| North Shore Health Departments | 27 | 0.2 |
| U.B.C. Alzheimer's Clinic | 26 | 0.1 |
| Grace Hospital | 21 | 0.1 |
| Burnaby Health Department | 19 | 0.1 |
| Jericho Hill School | 14 | 0.1 |
| Other | 127 | 0.7 |
| **TOTAL** | **17,373** | **100.0** |

Almost a quarter of the cases reported to the Health Surveillance Registry in 1989 were made by Children's Hospital. Almost 1,400 reports of new cases or updates of existing cases are received each month by the Registry.

## Table 43

### Number Of Live Cases On The Health Surveillance Registry By Health Unit Of Residence, Sex And Age Group At Year End

British Columbia, 1989

| Health Unit of Residence | Sex | Age Group 0-4 | 5-9 | 10-19 | 20-29 | 30-39 | 40-49 | 50-59 | 60+ | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 East Kootenay | M | 108 | 209 | 465 | 289 | 259 | 169 | 124 | 299 | 1,922 |
| | F | 76 | 146 | 292 | 232 | 240 | 164 | 130 | 452 | 1,732 |
| 02 Central Kootenay | M | 101 | 263 | 448 | 323 | 305 | 149 | 128 | 326 | 2,043 |
| | F | 69 | 238 | 295 | 285 | 258 | 159 | 104 | 489 | 1,897 |
| 04 North Okanagan | M | 112 | 229 | 511 | 372 | 304 | 147 | 143 | 406 | 2,224 |
| | F | 95 | 193 | 352 | 266 | 267 | 175 | 128 | 574 | 2,050 |
| 05 South Okanagan | M | 157 | 421 | 726 | 447 | 389 | 259 | 292 | 1,033 | 3,724 |
| | F | 127 | 346 | 504 | 415 | 406 | 318 | 321 | 1,437 | 3,874 |
| 06 South Central | M | 186 | 362 | 775 | 625 | 375 | 195 | 130 | 335 | 2,983 |
| | F | 128 | 270 | 555 | 449 | 385 | 181 | 152 | 470 | 2,590 |
| 07 Upper Fraser Valley | M | 330 | 421 | 725 | 412 | 374 | 294 | 150 | 499 | 3,205 |
| | F | 248 | 285 | 514 | 387 | 385 | 275 | 182 | 702 | 2,978 |
| 08 Central Fraser Valley | M | 331 | 540 | 955 | 559 | 330 | 230 | 154 | 468 | 3,567 |
| | F | 283 | 354 | 676 | 478 | 387 | 228 | 160 | 587 | 3,153 |
| 09 Boundary | M | 721 | 1,054 | 1,970 | 1,224 | 729 | 416 | 295 | 808 | 7,217 |
| | F | 657 | 699 | 1,407 | 989 | 857 | 419 | 330 | 1,184 | 6,542 |
| 10 Simon Fraser | M | 357 | 484 | 975 | 782 | 580 | 375 | 240 | 630 | 4,423 |
| | F | 343 | 340 | 712 | 678 | 662 | 396 | 243 | 1,001 | 4,375 |
| 11 Coast Garibaldi | M | 148 | 265 | 376 | 275 | 192 | 114 | 72 | 182 | 1,624 |
| | F | 117 | 192 | 284 | 240 | 169 | 97 | 72 | 238 | 1,409 |
| 13 Central Vancouver Is. | M | 240 | 595 | 996 | 810 | 645 | 387 | 169 | 548 | 4,390 |
| | F | 176 | 444 | 795 | 659 | 577 | 331 | 236 | 802 | 4,020 |
| 14 Upper Island | M | 177 | 336 | 655 | 420 | 318 | 181 | 127 | 282 | 2,496 |
| | F | 125 | 229 | 451 | 375 | 336 | 170 | 122 | 380 | 2,188 |
| 15 Cariboo | M | 168 | 322 | 511 | 313 | 263 | 131 | 93 | 248 | 2,049 |
| | F | 103 | 229 | 385 | 311 | 254 | 121 | 103 | 277 | 1,783 |
| 16 Skeena | M | 160 | 349 | 728 | 505 | 380 | 212 | 132 | 274 | 2,740 |
| | F | 126 | 256 | 506 | 386 | 325 | 199 | 140 | 329 | 2,267 |
| 17 Peace River | M | 147 | 245 | 463 | 367 | 263 | 129 | 56 | 134 | 1,804 |
| | F | 108 | 183 | 357 | 336 | 240 | 99 | 57 | 128 | 1,508 |
| 18 Northern Interior | M | 198 | 441 | 923 | 500 | 402 | 225 | 180 | 330 | 3,199 |
| | F | 146 | 322 | 557 | 432 | 365 | 233 | 164 | 387 | 2,606 |
| 20 Capital Regional Dist. | M | 207 | 599 | 1,465 | 1,076 | 819 | 470 | 274 | 1,016 | 5,926 |
| | F | 113 | 380 | 1,040 | 889 | 780 | 555 | 366 | 1,750 | 5,893 |
| 30 Vancouver | M | 1,432 | 1,386 | 2,412 | 2,174 | 2,048 | 1,715 | 1,035 | 3,057 | 15,259 |
| | F | 1,086 | 965 | 1,700 | 1,807 | 2,398 | 1,741 | 1,141 | 4,741 | 15,579 |
| 31 Burnaby | M | 330 | 394 | 831 | 633 | 506 | 352 | 200 | 684 | 3,930 |
| | F | 280 | 284 | 605 | 572 | 600 | 380 | 230 | 1,062 | 4,013 |
| 32 Richmond | M | 330 | 345 | 676 | 517 | 290 | 198 | 180 | 524 | 3,060 |
| | F | 245 | 272 | 514 | 428 | 382 | 213 | 162 | 775 | 2,991 |
| 33 North Shore | M | 302 | 369 | 701 | 586 | 381 | 248 | 115 | 411 | 3,113 |
| | F | 238 | 256 | 490 | 459 | 482 | 250 | 138 | 740 | 3,053 |
| Unknown | M | 9 | 50 | 103 | 716 | 895 | 404 | 104 | 125 | 2,406 |
| | F | 9 | 46 | 99 | 552 | 745 | 291 | 83 | 128 | 1,953 |
| TOTAL | M | 6,251 | 9,679 | 18,390 | 13,925 | 11,047 | 7,000 | 4,393 | 12,619 | 83,304 |
| | F | 4,918 | 6,929 | 13,090 | 11,625 | 11,500 | 6,995 | 4,764 | 18,633 | 78,454 |

NOTE: The numbers shown above represent the distribution of the Registry's cases, not numbers of people with disabilities.
Registry cases can have conditions which are not handicapping (for example, prematurity or birth marks).

Approximately one fifth (19.1%) of the live cases on the Registry's file reside in the City of Vancouver and almost one half (46.7%) live in the lower mainland (Vancouver, Burnaby, Richmond, North Shore and the Boundary and Simon Fraser Health Units), among those cases which have a known address.

## Table 44

### Number And Rates of Selected Congenital Anomalies in British Columbia, 1979 - 1988

| ICD9 Code | Anomalies | Sex | 1979 Number | 1979 Rate | 1980 Number | 1980 Rate | 1981 Number | 1981 Rate | 1982 Number | 1982 Rate | 1983 Number | 1983 Rate | 1984 Number | 1984 Rate | 1985 Number | 1985 Rate | 1986 Number | 1986 Rate | 1987 Number | 1987 Rate | 1988 Number | 1988 Rate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 740 | Neural Tube | M | 16 | 8.1 | 17 | 8.3 | 14 | 6.6 | 12 | 5.4 | 14 | 6.3 | 9 | 4.0 | 8 | 3.6 | 20 | 9.3 | 7 | 3.3 | 15 | 6.9 |
| 741 | Defects | F | 19 | 10.2 | 14 | 7.1 | 22 | 10.6 | 15 | 7.2 | 13 | 6.2 | 19 | 8.9 | 20 | 9.7 | 16 | 7.8 | 15 | 7.3 | 14 | 6.7 |
| 742.3 | Congenital Hydrocephalus | M | 24 | 12.2 | 22 | 10.7 | 20 | 9.4 | 15 | 6.7 | 7 | 3.2 | 7 | 3.1 | 8 | 3.6 | 11 | 5.1 | 9 | 4.2 | 8 | 3.7 |
| | | F | 16 | 8.6 | 16 | 8.2 | 13 | 6.4 | 9 | 4.3 | 8 | 3.8 | 6 | 2.8 | 4 | | 4 | | 6 | 3.0 | 12 | 5.7 |
| 743.3 | Congen Cataract and Lens Anom | M | 1 | | 5 | | 7 | 3.3 | 7 | 3.1 | 5 | | 3 | | 9 | 4.1 | 6 | 2.8 | 5 | | 1 | |
| | | F | 2 | | 5 | | 7 | 3.4 | 11 | 5.3 | 6 | 2.9 | 4 | | 4 | | 3 | | 2 | | 1 | |
| 745.2 | Tetralogy of Fallot | M | 13 | 6.6 | 5 | | 13 | 6.1 | 8 | 3.6 | 8 | 3.6 | 13 | 5.7 | 13 | 5.9 | 11 | 5.1 | 17 | 8.0 | 6 | 2.7 |
| | | F | 3 | | 8 | 4.1 | 14 | 6.8 | 9 | 4.3 | 9 | 4.3 | 6 | 2.8 | 7 | 3.4 | 6 | 2.9 | 10 | 4.9 | 6 | 2.9 |
| 746.7 | Hypoplastic Left Heart Syn | M | 4 | | 5 | | 9 | 4.2 | 9 | 4.0 | 11 | 5.0 | 10 | 4.4 | 2 | | 7 | 3.3 | 7 | 3.3 | 5 | |
| | | F | 3 | | 6 | 3.1 | 6 | 2.9 | 4 | | 2 | | 3 | | 4 | | 2 | | 4 | | | |
| 749 | Cleft Palate and Cleft Lip | M | 37 | 18.8 | 35 | 17.1 | 47 | 22.1 | 55 | 24.7 | 51 | 23.1 | 51 | 22.5 | 42 | 19.0 | 47 | 22.0 | 29 | 13.6 | 36 | 16.5 |
| | | F | 31 | 16.6 | 36 | 18.4 | 52 | 25.4 | 41 | 19.8 | 33 | 15.7 | 37 | 17.3 | 40 | 19.4 | 36 | 17.6 | 23 | 11.4 | 36 | 17.2 |
| 750.5 | Pyloric Stenosis | M | 96 | 48.7 | 96 | 47.8 | 93 | 43.8 | 89 | 40.0 | 34 | 15.4 | 31 | 13.6 | 40 | 18.1 | 30 | 14.0 | 31 | 14.5 | 34 | 15.6 |
| | | F | 22 | 11.6 | 23 | 11.7 | 19 | 9.3 | 15 | 7.2 | 7 | 3.3 | 8 | 3.8 | 7 | 3.4 | 6 | 2.9 | 11 | 5.4 | 8 | 3.8 |
| 752.6 | Hypospadias and Epispadias | M | 93 | 47.2 | 114 | 55.6 | 111 | 52.3 | 115 | 51.7 | 103 | 46.7 | 99 | 43.6 | 92 | 41.5 | 86 | 41.6 | 72 | 33.7 | 59 | 27.0 |
| 753.0 | Renal Agenesis and Dysgenesis | M | 8 | 4.1 | 6 | 2.9 | 8 | 4.2 | 17 | 7.6 | 14 | 6.3 | 15 | 6.6 | 12 | 5.4 | 10 | 4.7 | 14 | 6.6 | 8 | 3.7 |
| | | F | 7 | 3.7 | 6 | 3.1 | 5 | | 4 | | 1 | | 4 | | 10 | 4.9 | 8 | 3.9 | 6 | 3.0 | 4 | |
| 754.3 | Congenital Dislocation of Hip | M | 51 | 25.9 | 54 | 26.3 | 49 | 23.1 | 51 | 22.9 | 30 | 13.6 | 31 | 13.6 | 32 | 14.5 | 23 | 10.7 | 24 | 11.2 | 18 | 8.2 |
| | | F | 142 | 75.9 | 130 | 66.4 | 144 | 70.4 | 116 | 56.0 | 86 | 41.0 | 75 | 35.2 | 67 | 42.2 | 55 | 26.9 | 51 | 25.2 | 61 | 29.2 |
| 754.7 | Deformities of Feet/Clubfoot | M | 137 | 69.5 | 152 | 74.1 | 152 | 71.6 | 148 | 66.6 | 95 | 43.5 | 79 | 34.8 | 82 | 37.0 | 83 | 38.8 | 75 | 35.1 | 46 | 21.1 |
| | | F | 141 | 75.4 | 162 | 82.7 | 150 | 73.4 | 140 | 67.6 | 72 | 34.3 | 53 | 24.9 | 54 | 26.2 | 55 | 26.9 | 60 | 34.1 | 52 | 24.0 |
| 755.2 | Limb Reduction | M | 19 | 9.6 | 10 | 4.9 | 16 | 7.5 | 21 | 9.4 | 16 | 7.3 | 12 | 5.3 | 15 | 6.8 | 25 | 11.7 | 14 | 6.6 | 20 | 9.2 |
| 755.4 | Deformities | F | 11 | 5.9 | 12 | 6.1 | 15 | 7.3 | 18 | 8.7 | 17 | 8.1 | 12 | 5.6 | 14 | 6.8 | 12 | 5.9 | 12 | 5.9 | 13 | 6.2 |
| 758.0 | Down's Syndrome | M | 30 | 15.2 | 16 | 7.8 | 18 | 8.5 | 25 | 11.2 | 26 | 11.8 | 17 | 7.5 | 21 | 9.5 | 23 | 10.7 | 23 | 10.8 | 21 | 9.6 |
| | | F | 19 | 10.2 | 28 | 14.3 | 19 | 9.3 | 9 | 4.3 | 27 | 12.8 | 23 | 10.8 | 25 | 12.1 | 18 | 8.8 | 21 | 10.4 | 16 | 7.7 |

NOTE Rates per 10,000 live births, rates not shown for frequencies of five or less.
Information for 1988 births cannot be included due to insufficient time for ascertainment of diagnoses by year end

Approximately one in twenty live births in British Columbia is born with a major or minor congenital anomaly; approximately one in six hundred is born with a chromosomal anomaly. The numbers and rates of selected congenital anomalies show considerable variation from year to year. There is no indication that any of the birth incidence rates for the selected congenital anomalies are increasing.

There were at least 13,210 people with a mental handicap living in British Columbia at the year end 1989. This represents a prevalence rate of 43.4 per 10,000 population. Similarly, there were 10,999 people who are blind or suffer from a related impairment of vision which represents a prevalence rate of 36.1 per 10,000 population. The prevalence rates for epilepsy and deafness were 28.5 and 19.1 per 10,000 population, respectively.

**Table 45**

| ICD9 Code | Disability | Sex | Age Group <5 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-69 | 70+ | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | Neurofibro matosis | M | 2 | 12 | 19 | 8 | 10 | 15 | 10 | 12 | 5 | 4 | | 2 | 1 | 2 | 102 |
| | | F | 3 | 13 | 15 | 11 | 10 | 14 | 21 | 16 | 9 | 8 | 4 | 1 | 5 | 1 | 131 |
| 334 | Congenital Hypothyroidism | M | 7 | 23 | 10 | 7 | 9 | 7 | 6 | 5 | 3 | 1 | 1 | | 1 | | 80 |
| | | F | 17 | 47 | 20 | 10 | 16 | 12 | 9 | 8 | 12 | 4 | 2 | 1 | | | 158 |
| 270.1 | Phenyl Ketonuria | M | 13 | 7 | 6 | 8 | 5 | 10 | 4 | 4 | 3 | 1 | 2 | 1 | 1 | | 65 |
| | | F | 9 | 9 | 9 | 5 | 2 | 2 | 6 | 3 | 1 | 3 | | 1 | 1 | | 51 |
| 277 | Cystic Fibrosis | M | 16 | 19 | 41 | 20 | 24 | 14 | 17 | 5 | 4 | 3 | | | | | 163 |
| | | F | 20 | 31 | 23 | 27 | 23 | 15 | 17 | 6 | 1 | 3 | 1 | | | | 167 |
| 286 | Coagulation Defects | M | 7 | 11 | 17 | 30 | 34 | 25 | 31 | 22 | 16 | 9 | 3 | 2 | 6 | 4 | 217 |
| | | F | 2 | 5 | 4 | 8 | 8 | 4 | 13 | 7 | 11 | 4 | 5 | | | 1 | 72 |
| 317 | Mental Retardation | M | 125 | 217 | 324 | 470 | 678 | 1,071 | 1,250 | 1,122 | 912 | 475 | 248 | 163 | 249 | 100 | 7,404 |
| 319 | | F | 103 | 201 | 275 | 309 | 522 | 805 | 964 | 828 | 685 | 425 | 210 | 143 | 251 | 85 | 5,806 |
| 340 | Multiple Sclerosis | M | | | | | 3 | 23 | 53 | 92 | 105 | 109 | 84 | 94 | 170 | 65 | 798 |
| | | F | | | | 1 | 21 | 83 | 160 | 221 | 251 | 213 | 161 | 168 | 344 | 180 | 1,803 |
| 342 | Hemiplegia | M | 4 | 23 | 46 | 38 | 44 | 90 | 112 | 117 | 103 | 71 | 80 | 110 | 302 | 450 | 1,590 |
| | | F | 4 | 22 | 23 | 29 | 44 | 67 | 70 | 56 | 73 | 61 | 67 | 69 | 217 | 404 | 1,206 |
| 343 | Infantile Cerebral Palsy | M | 76 | 147 | 220 | 215 | 311 | 363 | 289 | 200 | 159 | 67 | 33 | 30 | 35 | 10 | 2,155 |
| | | F | 60 | 122 | 156 | 191 | 210 | 269 | 211 | 170 | 110 | 71 | 37 | 31 | 27 | 21 | 1,686 |
| 344.0 | Quadriplegia | M | | 9 | 11 | 25 | 29 | 98 | 109 | 97 | 75 | 51 | 49 | 45 | 66 | 45 | 709 |
| | | F | 2 | 8 | 11 | 6 | 20 | 18 | 35 | 29 | 30 | 18 | 13 | 10 | 32 | 25 | 257 |
| 344.1 | Paraplegia | M | 1 | 12 | 14 | 19 | 45 | 60 | 87 | 117 | 79 | 78 | 63 | 64 | 117 | 75 | 831 |
| | | F | 2 | 3 | 11 | 14 | 26 | 42 | 45 | 53 | 26 | 35 | 21 | 25 | 63 | 44 | 410 |
| 344.2-5 344.8-9 | Other Paralytic Syndromes | M | 4 | 2 | 12 | 4 | 9 | 21 | 35 | 38 | 24 | 26 | 26 | 22 | 47 | 33 | 303 |
| | | F | 1 | 7 | 7 | 8 | 8 | 9 | 17 | 19 | 18 | 13 | 14 | 16 | 35 | 27 | 199 |

(Continued)

Table 45 (cont'd)

| ICD9 Code | Disability | Sex | Age Group <5 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-69 | 70+ | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 345 | Epilepsy | M | 236 | 449 | 394 | 438 | 423 | 578 | 521 | 411 | 280 | 181 | 123 | 102 | 179 | 81 | 4,396 |
| | | F | 204 | 355 | 328 | 381 | 404 | 558 | 594 | 423 | 319 | 206 | 123 | 97 | 170 | 110 | 4,272 |
| 362.2 | Retrolental Fibroplasia | M | 35 | 42 | 23 | 9 | 7 | 6 | 5 | 42 | 13 | 1 | | 1 | 1 | | 185 |
| | | F | 32 | 26 | 19 | 4 | 10 | 4 | 6 | 47 | 13 | | | | | | 161 |
| 369.0 | Blindness Both Eyes | M | 31 | 83 | 72 | 82 | 89 | 86 | 107 | 146 | 101 | 99 | 71 | 89 | 252 | 1,459 | 2,767 |
| | | F | 38 | 69 | 70 | 59 | 66 | 88 | 87 | 134 | 92 | 90 | 69 | 79 | 278 | 2,449 | 3,668 |
| 369.1 369.9 | Other Blindness and Low Vision | M | 37 | 66 | 61 | 93 | 100 | 153 | 171 | 195 | 169 | 111 | 64 | 86 | 247 | 723 | 2,276 |
| | | F | 25 | 37 | 44 | 55 | 71 | 108 | 110 | 135 | 99 | 105 | 34 | 34 | 222 | 1,209 | 2,288 |
| 389 | Deafness | M | 30 | 102 | 208 | 331 | 370 | 386 | 378 | 308 | 260 | 156 | 87 | 80 | 169 | 232 | 3,097 |
| | | F | 30 | 89 | 178 | 241 | 297 | 319 | 363 | 282 | 217 | 153 | 70 | 65 | 198 | 212 | 2,714 |
| 585 | Renal | M | 3 | 11 | 12 | 11 | 5 | 4 | 7 | 10 | 8 | 8 | 9 | 10 | 10 | 13 | 121 |
| 586 | Failure | F | 3 | 3 | 5 | 10 | 5 | 8 | 2 | 5 | 5 | 7 | 3 | 5 | 10 | 7 | 79 |
| 741 | Spina Bifida | M | 35 | 40 | 47 | 48 | 36 | 32 | 24 | 28 | 12 | 6 | 7 | 4 | 2 | | 321 |
| | | F | 42 | 47 | 51 | 47 | 31 | 29 | 36 | 30 | 17 | 8 | | 1 | 3 | 1 | 343 |
| 742.3 | Congenital Hydrocephalus | M | 29 | 54 | 77 | 60 | 53 | 37 | 20 | 14 | 2 | 4 | 1 | 1 | 1 | | 353 |
| | | F | 25 | 33 | 45 | 35 | 25 | 27 | 20 | 11 | 1 | 1 | | | 1 | 1 | 225 |
| 749 | Cleft Palate and Cleft Lip | M | 168 | 213 | 214 | 220 | 191 | 221 | 204 | 118 | 39 | 22 | 11 | 3 | 4 | 1 | 1,629 |
| | | F | 136 | 175 | 145 | 135 | 171 | 151 | 138 | 75 | 35 | 25 | 14 | 5 | 6 | 2 | 1,213 |
| 755.2 | Limb Reduction Deformities | M | 64 | 66 | 81 | 68 | 46 | 63 | 57 | 42 | 30 | 10 | 2 | 3 | 6 | 1 | 539 |
| 755.4 | | F | 49 | 71 | 55 | 60 | 54 | 58 | 48 | 35 | 21 | 7 | 10 | 4 | 10 | 2 | 484 |
| 758.0 | Down's Syndrome | M | 96 | 95 | 95 | 95 | 91 | 137 | 124 | 89 | 50 | 43 | 19 | 24 | 11 | 4 | 973 |
| | | F | 72 | 107 | 77 | 67 | 101 | 109 | 107 | 90 | 44 | 34 | 19 | 11 | 13 | 1 | 852 |

NOTE: Non-residents are excluded.

# Glossary

# Glossary

**Age Specific Birth Rate -**
The rate of live births per 1,000 women for the specific age group.

**Age Specific Death Rate -**
The number of people of a specified age dying in a given year divided by the number of people of the specified age in the population in the middle of that year (usually per 1,000 population).

**Age Standardized Mortality Rate (ASMR) -**
A summary of age and sex adjusted death rates which has been standardized to a specific population (such as the 1971 Canada Census) for the purpose of rate comparisons of different time periods or different geographic locations. The rate is calculated as follows:

$$\mathbf{ASMR} = \Sigma s_i * \frac{d_i}{p_i} * k$$

where: $s_i$ = standard population for age group i (Canada Census 1971)
$d_i$ = number of deaths in area for age group i
$p_i$ = area's population in age group i
$k$ = constant (i.e. 1,000 or 10,000)
$*$ = multiplication
$\Sigma$ = summation

**APGAR Score -**
A numerical rating from 0 to 10 of the condition of a newborn baby usually determined at 60 seconds after birth; it is the sum of points (0-2) gained on assessment of each of the following: heart rate, respiratory effort, muscle tone, reflex irritability, and colour.

**ASMR -**
See Age Standardized Mortality Rate.

**Birth -**
The complete expulsion or extraction from its mother, irrespective of the duration of the pregnancy, of a product of conception in which, after the expulsion or extraction, there is:

(a) breathing;
(b) beating of the heart;
(c) pulsation of the umbilical cord; or
(d) unmistakable movement of voluntary muscle, whether or not the umbilical cord has been cut or the placenta attached (by definition of the Vital Statistics Act).

**Birth Incidence -**
The number of babies born in a given year with congenital conditions.

# Glossary

**Birth Rate -**
See Crude Birth Rate.

**Birth Weight -**
The first weight of the fetus or newborn obtained after birth. This weight should be measured within the first hour of life before significant postnatal weight loss has occurred.

**Cause Specific Death Rate -**
The number of people dying from a given cause or group of causes in a particular year divided by the number of people in the population in the middle of that year (usually per 1,000 population).

**Congenital -**
Existing at or dating from birth.

**Crude Birth Rate -**
The number of births in a given year divided by the number of people in the middle of that year (usually per 1,000 population).

**Crude Death Rate -**
The number of people dying in a given year divided by the number of people in the middle of that year (usually per 1,000 population).

**Crude Marriage Rate -**
The number of people marrying in a given year divided by the number of people in the middle of that year (usually per 1,000 population).

**Early Neonatal Death -**
Death of a child under 7 days of age.

**Fertility Rate -**
See Age Specific Birth Rate.

**General Fertility Rate -**
The number of live births in a given year divided by the number of women of child bearing age (15-44) per 1,000 female population in the middle of that year.

**Gestational Age -**
The duration of gestation which is measured from the first day of the last normal menstrual period. Gestational age is expressed in completed days or completed weeks (e.g. events occurring 280 to 286 days after the onset of the last normal menstrual period are considered to have occurred at 40 weeks gestation).

Pre-term - Gestational age under 37 weeks,
Term - Gestational age 37 to 41 weeks,
Post-term - Gestational age over 41 weeks.

**Incidence Rate -**
The rate of occurrence (number of cases) in a specified time period.

**Infant Death -**
Death of a child under one year of age.

**Infant Death Rate -**
The number of children under one year of age dying in a given year divided by the number of live births in that year (usually per 1,000 live births).

**Infant Mortality Rate -**
See Infant Death Rate.

**LBW -**
See Low Birth Weight.

**Live Birth -**
See Birth.

**Low Birth Weight -**
A birth weight of less than 2,500 grams.

**Marriage Rate -**
See Crude Marriage Rate.

**Neonatal Death -**
Death of a child under 28 days of age.

**Normal Live Born Infant -**
Live births that meet the following criteria:

(a) known birth weight of at least 500 grams,
(b) known gestational age of at least 20 weeks,
(c) not a multiple birth,
(d) no indication of slow fetal growth or fetal malnutrition (e.g. "light-for-dates", fetal growth retardation, small for gestational age, or dry peeling skin and loss of subcutaneous tissue), and
(e) no indication of any genetic or congenital condition or anomaly.

**Out-of-Wedlock Births -**
Births where the mother of the baby is not legally married to the father of the baby.

# Glossary

**Percentile -**
A value on a scale of one hundred indicating the point of a distribution that is equal to or below the value (e.g. 95th percentile means that 95% of cases would fall at or below this score).

**Population -**
The 1971 Canadian Census was used as standard population in this report. Population estimates for health units or local health areas were from the Planning and Statistics Division, Ministry of Finance and Corporate Relations and mid-year population for the province were obtained from Statistics Canada.

**Post Neonatal Death -**
Death of a child greater than or equal to 28 days and less than one year of age.

**Post-term -**
Forty-two completed weeks or more (294 days or more) of pregnancy.

**Potential Years of Life Lost -**
The number of years of life lost when a person dies before age of 75 years assuming each individual's potential life of 75 years. Using five years age interval data, all deaths are assumed to occur at the midpoint and also the number of deaths in the age interval multiplied by the years remaining to age 75 yields the years of life lost to deaths in that interval.

$$PYLL = \Sigma\, d_i * (75 - y_i)$$

where $d_i$ = number of deaths by age interval$_i$ and
$y_i$ = age at midpoint of age interval$_i$.
$*$ = multiplication
$\Sigma$ = summation

**Pre-term -**
Less than 37 completed weeks (less than 259 days) of pregnancy.

**Prevalence -**
Rate of a population that is affected with a particular disease or condition at a given time.

**PYLL -**
See Potential Years of Life Lost.

**PYLL Index -**
The ratio of the observed potential years of life lost divided by the expected years of life lost. Like the Standardized Mortality Ratio (SMR), the PYLL Index is a good measure to use when comparing death information that is based on a small number of cases and when making geographical comparisons. (Calculations are similar to SMR except age factors are applied.)

**Significance level -**
See Statistical test.

**SMR -**
See Standardized Mortality Ratio.

**Std (Standard) Rate of PYLL -**
Age/sex adjusted rate of potential years of life lost which has been standardized to the 1971 Canada Census (see ASMR for the calculations applying by age factors).

**Standardized Mortality Ratio (SMR) -**
The ratio of the number of deaths occurring in a specified area to the expected number of deaths in that area. The SMR is a good measure when comparing death information that is based on a small number of cases and when geographical comparisons are being made.

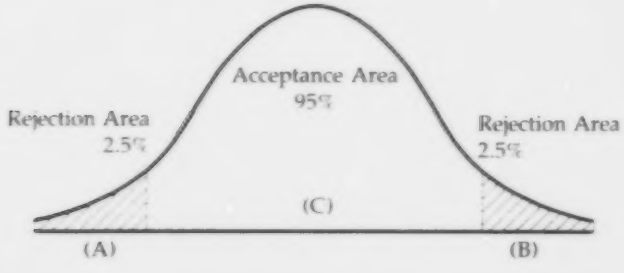
$$SMR = \frac{\Sigma d_i}{\Sigma e_i}$$

where: $d_i$ = observed deaths in age group i and
$e_i$ = expected deaths in age group i
$\Sigma$ = summation

Note: The chi-square test assuming a Poisson distribution was used for testing the significance level on all SMRs in this report.

**Statistical test -**

- Chi-square test was applied to find whether the observed number of cases is significantly different from that expected.
- In testing a hypothesis ($H_o : u_o = u_1$ vs. $H_A : u_o \neq u_1$), the regions of acceptance and rejection are determined by specifying level of significance (i.e. 5% level; $P < 0.05$)




1) Significantly high if $\mu_1$ falls in the rejection area (B),
2) Significantly low if $\mu_1$ falls in the rejection area (A),
3) Not significant if $\mu_1$ falls in the acceptance area (C).

# Glossary

- The 95 % confindence interval (C.I.) is defined as follows:

**95% C.I. = R + 1.96 SE**

where R = Rate and
SE = Standard Error of R.

This means that the probability of the true rate falling in the acceptance area is at least 95% by the two-tail test.

**Stillbirth -**
The complete expulsion or extraction from its mother after at least 20 weeks' pregnancy, or after attaining a weight of at least 500 grams, of a product of conception in which, after the expulsion or extraction, there is no breathing, beating of the heart, pulsation of the umbilical cord or unmistakable movement of voluntary muscle.

**Stillbirth Rate -**
The number of stillbirths in a given year per 1,000 total births.

**Term -**
From 37 to less than 42 completed weeks (259 to 293 days) of pregnancy.

**Total Births -**
Live births plus stillbirths.

**Total Fertility Rate -**
The sum of the age specific birth rates multiplied by the number of years that the age specific birth rates are grouped by.

**Very Low Birth Weight -**
A birth weight of less than 1,500 grams.

**N.B.*** For further information on any statistical methods or calculations used in this report, contact: Research and Statistics Branch, Division of Vital Statistics.

# Appendix I

# Appendix 1

CAUSE OF DEATH BY AGE AND SEX IN BRITISH COLUMBIA, 1989
( B.C. Residents Only )

| Cause of Death(*) | | Age of Deceased ( Years ) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | < 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-44 | 45-64 | 65-79 | 80+ | Total |
| 008 Intestinal infections due to other organisms | (M) | - | - | - | - | - | - | - | 1 | - | 2 | 3 |
| | (F) | - | - | - | - | - | - | - | - | 1 | 2 | 3 |
| 011 Pulmonary tuberculosis | (M) | - | - | - | - | - | - | - | 2 | 3 | 5 | 10 |
| | (F) | - | - | - | - | - | - | - | 1 | 3 | 1 | 5 |
| 038 Septicaemia | (M) | - | - | - | - | - | - | 1 | 2 | 7 | 14 | 24 |
| | (F) | - | - | - | - | - | - | - | - | 10 | 20 | 30 |
| 042 AIDS infection with specified conditions | (M) | - | - | - | - | - | 2 | 93 | 30 | 2 | - | 127 |
| | (F) | 1 | - | - | - | - | 1 | 2 | 1 | - | - | 5 |
| 070 Viral hepatitis | (M) | - | - | - | - | - | - | 5 | 5 | 3 | - | 13 |
| | (F) | - | - | - | - | 1 | - | - | 3 | 1 | - | 5 |
| 079 Viral infection classified elsewhere and of unspecified site | (M) | - | - | - | - | - | - | - | - | 1 | - | 1 |
| | (F) | - | - | - | - | - | - | - | - | - | 4 | 4 |
| 137 Late effects of tuberculosis | (M) | - | - | - | - | - | - | - | 1 | 1 | 1 | 3 |
| | (F) | - | - | - | - | - | - | - | 1 | 1 | 2 | 4 |
| 141 Malignant neoplasm of tongue | (M) | - | - | - | - | - | - | - | 4 | 9 | 1 | 14 |
| | (F) | - | - | - | - | - | - | - | 2 | 6 | 3 | 11 |
| 142 Malignant neoplasm of major salivary glands | (M) | - | - | - | - | - | - | - | 1 | 3 | - | 4 |
| | (F) | - | - | - | - | - | - | - | - | 2 | 3 | 5 |
| 145 Malignant neoplasm of other and unspecified parts of mouth | (M) | - | - | - | - | - | - | - | 3 | 6 | - | 9 |
| | (F) | - | - | - | - | - | - | - | - | 2 | 4 | 6 |
| 146 Malignant neoplasm of oropharynx | (M) | - | - | - | - | - | - | - | 4 | 3 | 2 | 9 |
| | (F) | - | - | - | - | - | - | 1 | - | 1 | - | 2 |
| 147 Malignant neoplasm of nasopharynx | (M) | - | - | - | - | - | - | 4 | 3 | 4 | - | 11 |
| | (F) | - | - | - | - | - | 1 | 1 | - | 5 | 2 | 9 |
| 148 Malignant neoplasm of hypopharynx | (M) | - | - | - | - | - | - | 1 | 3 | 2 | - | 6 |
| | (F) | - | - | - | - | - | - | - | 1 | 2 | - | 3 |
| 149 Malig neo of oth and ill-defined sites of lip, oral cavity and pharynx | (M) | - | - | - | - | - | - | - | 9 | 4 | 3 | 16 |
| | (F) | - | - | - | - | - | - | - | 5 | 2 | 1 | 8 |
| 150 Malignant neoplasm of oesophagus | (M) | - | - | - | - | - | - | - | 27 | 48 | 18 | 93 |
| | (F) | - | - | - | - | - | - | - | 5 | 19 | 9 | 33 |
| 151 Malignant neoplasm of stomach | (M) | - | - | - | - | - | - | 3 | 32 | 77 | 28 | 140 |
| | (F) | - | - | - | - | - | - | 4 | 19 | 52 | 27 | 102 |
| 152 Malignant neoplasm of small intestine including duodenum | (M) | - | - | - | - | - | - | 1 | 2 | 3 | - | 6 |
| | (F) | - | - | - | - | - | - | 1 | - | 3 | - | 4 |
| 153 Malignant neoplasm of colon | (M) | - | - | - | - | - | - | 4 | 49 | 132 | 48 | 233 |
| | (F) | - | - | - | - | - | - | 1 | 45 | 102 | 73 | 221 |
| 154 Malignant neoplasm of rectum, rectosigmoid junction and anus | (M) | - | - | - | - | - | - | 1 | 19 | 40 | 21 | 81 |
| | (F) | - | - | - | - | - | - | 2 | 17 | 23 | 25 | 67 |
| 155 Malignant neoplasm of liver and intrahepatic bile ducts | (M) | - | - | - | - | - | - | 4 | 31 | 29 | 10 | 74 |
| | (F) | - | 1 | - | - | - | - | - | 13 | 16 | 11 | 41 |

# Appendix 1

| Cause of Death(*) | | Age of Deceased ( Years ) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | < 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-44 | 45-64 | 65-79 | 80+ | Total |
| 156 Malignant neoplasm of gallbladder and extrahepatic bile ducts | (M) | - | - | - | - | - | - | - | 6 | 15 | 2 | 23 |
| | (F) | - | - | - | - | - | - | - | 12 | 18 | 9 | 39 |
| 157 Malignant neoplasm of pancreas | (M) | - | - | - | - | - | - | 1 | 45 | 86 | 31 | 163 |
| | (F) | - | - | - | - | - | - | 3 | 27 | 73 | 47 | 150 |
| 158 Malignant neoplasm of retroperitoneum and peritoneum | (M) | - | - | - | - | - | - | - | 2 | 3 | - | 5 |
| | (F) | - | - | - | - | - | - | - | 1 | 3 | 1 | 5 |
| 159 Malig neo of other and ill-defined sites of digest organs and peritoneum | (M) | - | - | - | - | - | - | 2 | 18 | 38 | 21 | 79 |
| | (F) | - | - | - | - | - | - | 2 | 16 | 47 | 30 | 95 |
| 160 Malignant neoplasm of nasal cavities , middle ear and accessory sinuses | (M) | - | - | - | - | - | - | - | - | - | 1 | 1 |
| | (F) | - | - | - | - | - | - | - | 3 | 1 | - | 4 |
| 161 Malignant neoplasm of larynx | (M) | - | - | - | - | - | - | - | 10 | 14 | 2 | 26 |
| | (F) | - | - | - | - | - | - | - | 2 | - | - | 2 |
| 162 Malignant neoplasm of trachea, bronchus and lung | (M) | - | - | - | - | - | - | 18 | 315 | 570 | 158 | 1061 |
| | (F) | - | - | - | - | - | - | 17 | 169 | 310 | 89 | 585 |
| 163 Malignant neoplasm of pleura | (M) | - | - | - | - | - | - | - | 6 | 6 | 3 | 15 |
| | (F) | - | - | - | - | - | - | - | 2 | - | - | 2 |
| 164 Malignant neoplasm of thymus, heart and mediastinum | (M) | - | - | - | - | - | - | - | - | 1 | 2 | 3 |
| | (F) | - | - | - | - | - | - | - | 1 | 3 | - | 4 |
| 170 Malignant neoplasm of bone and articular cartilage | (M) | - | - | - | - | - | - | - | 1 | 1 | - | 2 |
| | (F) | - | - | - | - | 3 | - | - | 1 | 2 | 2 | 8 |
| 171 Malignant neoplasm of connective and other soft tissue | (M) | - | 1 | - | - | 1 | - | 3 | 3 | 4 | 2 | 14 |
| | (F) | - | - | - | - | - | - | 1 | 5 | 9 | 3 | 18 |
| 172 Malignant melanoma of skin | (M) | - | - | - | - | - | - | 7 | 15 | 11 | 7 | 40 |
| | (F) | - | - | - | - | - | - | 5 | 6 | 17 | 5 | 33 |
| 173 Other malignant neoplasm of skin | (M) | - | - | - | - | - | - | - | 2 | 8 | 5 | 15 |
| | (F) | - | - | - | - | - | - | 2 | - | 1 | 5 | 8 |
| 174 Malignant neoplasm of female breast | (M) | - | - | - | - | - | - | - | - | - | - | - |
| | (F) | - | - | - | - | - | - | 43 | 171 | 204 | 88 | 506 |
| 179 Malignant neoplasm of uterus part . nspecified | (M) | - | - | - | - | - | - | - | - | - | - | - |
| | (F) | - | - | - | - | - | - | - | 5 | 11 | 7 | 23 |
| 180 Malignant neoplasm of cervix uteri | (M) | - | - | - | - | - | - | - | - | - | - | - |
| | (F) | - | - | - | - | - | - | 8 | 9 | 16 | 12 | 45 |
| 182 Malignant neoplasm of body of uterus | (M) | - | - | - | - | - | - | - | - | - | - | - |
| | (F) | - | - | - | - | - | - | - | 2 | 21 | 12 | 35 |
| 183 Malignant neoplasm of ovary and other uterine adnexa | (M) | - | - | - | - | - | - | - | - | - | - | - |
| | (F) | - | - | - | - | - | - | 4 | 46 | 78 | 34 | 162 |
| 184 Malignant neoplasm of other and unspecified female genital organs | (M) | - | - | - | - | - | - | - | - | - | - | - |
| | (F) | - | - | - | - | - | - | - | - | 3 | 7 | 10 |
| 185 Malignant neoplasm of prostate | (M) | - | - | - | - | - | - | 1 | 30 | 214 | 172 | 417 |
| | (F) | - | - | - | - | - | - | - | - | - | - | - |
| 187 Malignant neoplasm of penis and other male genital organs | (M) | - | - | - | - | - | - | - | 2 | 2 | 1 | 5 |
| | (F) | - | - | - | - | - | - | - | - | - | - | - |
| 188 Malignant neoplasm of bladder | (M) | - | - | - | - | - | - | 1 | 18 | 51 | 32 | 102 |
| | (F) | - | - | - | - | - | - | 1 | 5 | 17 | 24 | 47 |

# Appendix 1

| Cause of Death(*) | | Age of Deceased ( Years ) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | < 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-44 | 45-64 | 65-79 | 80+ | Total |
| 189 Malignant neoplasm of kidney and other and unspecified urinary organs | (M) | - | - | - | - | - | - | 5 | 32 | 48 | 13 | 98 |
| | (F) | - | - | - | - | - | - | 3 | 7 | 16 | 6 | 32 |
| 191 Malignant neoplasm of brain | (M) | - | 1 | - | - | - | - | 14 | 36 | 28 | 6 | 85 |
| | (F) | - | 1 | - | - | - | - | 16 | 19 | 33 | 6 | 75 |
| 193 Malignant neoplasm of thyroid gland | (M) | - | - | - | - | - | - | 2 | - | 3 | - | 5 |
| | (F) | - | - | - | - | - | - | - | 2 | 3 | 2 | 7 |
| 194 Malignant neoplasm of other endocrine glands and related structures | (M) | - | 1 | - | - | - | - | - | 1 | - | - | 2 |
| | (F) | 2 | - | - | - | - | - | 1 | - | 2 | - | 5 |
| 195 Malignant neoplasm of other and ill-defined sites | (M) | - | - | - | - | - | - | - | 1 | 1 | 2 | 4 |
| | (F) | - | - | - | - | - | - | 1 | - | 2 | 4 | 7 |
| 199 Malignant neoplasm without specification of site | (M) | - | - | - | - | - | - | 3 | 39 | 71 | 34 | 147 |
| | (F) | - | - | - | - | - | - | 7 | 41 | 74 | 57 | 179 |
| 200 Lymphosarcoma and reticulosarcoma | (M) | - | - | - | - | 1 | - | 2 | 2 | 3 | 1 | 9 |
| | (F) | - | - | - | - | - | - | - | 1 | 4 | - | 5 |
| 201 Hodgkin's disease | (M) | - | - | - | - | - | - | 1 | 5 | 2 | 2 | 10 |
| | (F) | - | - | - | - | - | - | 1 | - | 1 | - | 2 |
| 202 Other malignant neoplasm of lymphoid and histiocytic tissue | (M) | - | - | - | - | - | - | 10 | 20 | 57 | 16 | 103 |
| | (F) | - | - | - | 1 | - | - | - | 16 | 46 | 27 | 90 |
| 203 Multiple myeloma and immuno-proliferative neoplasms | (M) | - | - | - | - | - | - | - | 13 | 25 | 14 | 52 |
| | (F) | - | - | - | - | - | - | 1 | 8 | 29 | 16 | 54 |
| 204 Lymphoid leukaemia | (M) | - | - | 1 | 1 | 1 | - | 3 | 7 | 12 | 5 | 30 |
| | (F) | - | - | 1 | - | - | 1 | 4 | - | 8 | 13 | 27 |
| 205 Myeloid leukaemia | (M) | - | 1 | - | - | - | 1 | 3 | 13 | 17 | 12 | 47 |
| | (F) | - | - | - | 1 | - | 2 | 8 | 7 | 12 | 5 | 35 |
| 208 Leukaemia of unspecified cell type | (M) | - | - | - | - | - | - | 3 | 6 | 20 | 10 | 39 |
| | (F) | - | - | - | 1 | - | - | - | 7 | 12 | 5 | 25 |
| 225 Benign neoplasm of brain and other parts of nervous system | (M) | - | - | - | - | - | - | - | 1 | - | - | 1 |
| | (F) | - | - | - | - | - | - | - | 1 | 2 | 2 | 5 |
| 237 Neoplasm of uncertain behaviour of endocrine glands and nervous system | (M) | - | 1 | - | - | - | - | - | 1 | - | - | 2 |
| | (F) | - | - | - | - | - | - | 1 | - | 1 | 2 | 4 |
| 238 Neoplasm of uncertain behaviour of oth and unspec sites and tissues | (M) | 1 | - | - | - | - | - | 1 | 4 | 15 | 6 | 27 |
| | (F) | - | - | - | - | - | - | - | 3 | 11 | 8 | 22 |
| 239 Neoplasm of unspecified nature | (M) | - | - | 1 | - | - | - | 1 | 1 | 1 | 4 | 8 |
| | (F) | - | - | 1 | - | - | - | - | 3 | 3 | 3 | 10 |
| 244 Acquired hypothyroidism | (M) | - | - | - | - | - | - | - | - | - | 2 | 2 |
| | (F) | - | - | - | - | - | - | - | 1 | 2 | 1 | 4 |
| 250 Diabetes mellitus | (M) | - | - | - | - | - | - | 5 | 40 | 92 | 59 | 196 |
| | (F) | - | - | - | - | - | - | 5 | 30 | 92 | 90 | 217 |
| 255 Disorders of adrenal glands | (M) | 1 | - | - | - | - | - | - | - | - | - | 1 |
| | (F) | 2 | - | - | - | - | - | - | 1 | 1 | 1 | 5 |
| 263 Other and unspecified protein-calorie malnutrition | (M) | - | - | - | - | - | - | - | 1 | 5 | 3 | 9 |
| | (F) | - | - | - | - | - | - | - | 1 | 2 | 12 | 15 |
| 272 Disorders of lipoid metabolism | (M) | - | - | - | - | - | - | 1 | 1 | - | - | 2 |
| | (F) | - | - | - | 1 | - | - | - | - | 2 | - | 3 |

# Appendix 1

| Cause of Death(*) | | Age of Deceased ( Years ) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | < 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-44 | 45-64 | 65-79 | 80+ | Total |
| 273 Disorders of plasma protein metabolism | (M) | - | - | - | - | - | - | - | 2 | 2 | 2 | 6 |
| | (F) | - | - | - | - | - | - | - | 1 | - | 2 | 3 |
| 276 Disorders of fluid, electrolyte and acid-base balance | (M) | - | 1 | - | - | - | - | 1 | 1 | 1 | 6 | 10 |
| | (F) | - | - | - | - | - | - | - | 1 | 2 | 18 | 21 |
| 277 Other and unspecified disorders of metabolism | (M) | 2 | 1 | - | - | 1 | 1 | - | 4 | 5 | 1 | 15 |
| | (F) | 2 | | - | - | 1 | 1 | - | 3 | 3 | 1 | 11 |
| 278 Obesity and other hyperalimentation | (M) | - | - | - | - | - | - | 1 | 4 | 2 | - | 7 |
| | (F) | - | - | - | - | - | - | 1 | 3 | 1 | 2 | 7 |
| 284 Aplastic anaemia | (M) | - | - | - | - | - | - | - | 1 | 3 | 3 | 7 |
| | (F) | - | - | - | - | - | - | 1 | 1 | 4 | 4 | 10 |
| 285 Other and unspecified anaemias | (M) | - | - | - | - | - | - | - | - | 1 | 8 | 9 |
| | (F) | - | - | - | - | - | - | - | 1 | 1 | 10 | 12 |
| 287 Purpura and other haemorrhagic conditions | (M) | - | - | - | - | - | - | 1 | 1 | 1 | - | 3 |
| | (F) | - | - | - | - | - | - | - | 1 | 1 | 3 | 5 |
| 289 Other diseases of blood and blood-forming organs | (M) | - | - | - | - | - | - | - | 1 | 5 | 4 | 10 |
| | (F) | - | - | - | - | - | - | 1 | - | 4 | 5 | 10 |
| 290 Senile and presenile organic psychotic conditions | (M) | - | - | - | - | - | - | - | - | 8 | 32 | 40 |
| | (F) | - | - | - | - | - | - | - | 2 | 10 | 75 | 87 |
| 291 Alcoholic psychoses | (M) | - | - | - | - | - | - | - | 2 | 9 | 1 | 12 |
| | (F) | - | - | - | - | - | - | - | 1 | - | 1 | 2 |
| 295 Schizophrenic psychoses | (M) | - | - | - | - | - | - | - | - | 1 | - | 1 |
| | (F) | - | - | - | - | - | - | - | 1 | 1 | 3 | 5 |
| 298 Other nonorganic psychoses | (M) | - | - | - | - | - | - | - | - | 6 | 14 | 20 |
| | (F) | - | - | - | - | - | - | - | - | 6 | 26 | 32 |
| 303 Alcohol dependence syndrome | (M) | - | - | - | - | - | - | 7 | 30 | 22 | 3 | 62 |
| | (F) | - | - | - | - | - | - | 2 | 9 | 5 | 2 | 18 |
| 304 Drug dependence | (M) | - | - | - | - | 1 | 6 | 39 | 3 | - | - | 49 |
| | (F) | - | - | - | - | - | 2 | 7 | 2 | - | - | 11 |
| 305 Nondependent abuse of drugs | (M) | - | - | - | - | - | - | 7 | 11 | - | - | 18 |
| | (F) | - | - | - | - | - | - | 2 | 2 | 1 | 1 | 6 |
| 310 Specific nonpsychotic mental disorders following organic brain damage | (M) | - | - | - | - | - | - | - | 1 | 3 | 12 | 16 |
| | (F) | - | - | - | - | - | - | - | - | 5 | 25 | 30 |
| 311 Depressive disorder, not elsewhere classified | (M) | - | - | - | - | - | - | - | - | 1 | 1 | 2 |
| | (F) | - | - | - | - | - | - | - | - | - | 5 | 5 |
| 320 Bacterial meningitis | (M) | 1 | 1 | - | - | - | - | - | 1 | 1 | 2 | 6 |
| | (F) | 2 | - | - | - | - | - | - | 1 | 1 | 1 | 5 |
| 322 Meningitis of unspecified cause | (M) | - | - | - | - | - | - | - | 1 | - | 3 | 4 |
| | (F) | - | - | - | - | - | - | - | - | 1 | - | 1 |
| 323 Encephalitis, myelitis and encephalomyelitis | (M) | - | - | - | - | - | - | - | 2 | 1 | - | 3 |
| | (F) | - | - | - | - | - | - | - | - | 1 | 1 | 2 |
| 331 Other cerebral degenerations | (M) | - | - | - | - | - | - | - | - | 31 | 57 | 88 |
| | (F) | - | 1 | - | - | - | - | - | 4 | 47 | 87 | 139 |
| 332 Parkinson's disease | (M) | - | - | - | - | - | - | - | 2 | 23 | 36 | 61 |
| | (F) | - | - | - | - | - | - | - | - | 18 | 21 | 39 |

# Appendix 1

| Cause of Death(*) | | Age of Deceased ( Years ) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | < 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-44 | 45-64 | 65-79 | 80+ | Total |
| 333 Other extrapyramidal disease and abnormal movement disorders | (M) | - | - | - | - | - | - | 1 | 4 | 6 | 1 | 12 |
| | (F) | - | - | - | - | - | - | - | 2 | 1 | - | 3 |
| 335 Anterior horn cell disease | (M) | 1 | - | - | - | - | - | 2 | 14 | 17 | 6 | 40 |
| | (F) | 1 | - | - | - | - | - | - | 4 | 13 | 2 | 20 |
| 340 Multiple sclerosis | (M) | - | - | - | - | - | - | 2 | 3 | 2 | - | 7 |
| | (F) | - | - | - | - | - | 1 | 5 | 6 | 5 | 2 | 19 |
| 342 Hemiplegia | (M) | - | - | - | - | - | - | - | - | - | 2 | 2 |
| | (F) | - | - | - | - | - | - | - | - | - | 3 | 3 |
| 343 Infantile cerebral palsy | (M) | - | 1 | - | 1 | - | - | 1 | - | - | - | 3 |
| | (F) | - | - | - | - | - | 1 | 1 | - | - | - | 2 |
| 344 Other paralytic syndromes | (M) | - | - | - | - | - | - | - | 3 | 2 | 2 | 7 |
| | (F) | - | - | - | - | - | - | - | - | 2 | - | 2 |
| 345 Epilepsy | (M) | - | - | - | - | 1 | - | 3 | 7 | 4 | 1 | 16 |
| | (F) | - | - | - | - | - | - | 6 | 1 | 4 | 3 | 14 |
| 348 Other conditions of brain | (M) | - | - | - | - | - | - | - | - | 1 | - | 1 |
| | (F) | - | - | - | - | 1 | - | 1 | 1 | 1 | 1 | 5 |
| 359 Muscular dystrophies and other myopathies | (M) | - | - | - | 1 | 2 | - | - | 1 | - | 1 | 5 |
| | (F) | - | - | - | - | - | - | - | 1 | 2 | - | 3 |
| 394 Diseases of mitral valve | (M) | - | - | - | - | - | - | - | 3 | 3 | 1 | 7 |
| | (F) | - | - | - | - | - | - | - | 3 | 15 | 2 | 20 |
| 396 Diseases of mitral and aortic valves | (M) | - | - | - | - | - | - | 1 | 1 | 4 | 3 | 9 |
| | (F) | - | - | - | - | - | - | - | - | 5 | 6 | 11 |
| 397 Diseases of other endocardial structures | (M) | - | - | - | - | - | - | 1 | 1 | 1 | - | 3 |
| | (F) | - | - | - | - | - | - | - | - | 3 | 4 | 7 |
| 398 Other rheumatic heart disease | (M) | - | - | - | - | - | - | - | 3 | 7 | 2 | 12 |
| | (F) | - | - | - | - | - | - | - | 1 | 6 | 3 | 10 |
| 401 Essential hypertension | (M) | - | - | - | - | - | - | - | 5 | 8 | 6 | 19 |
| | (F) | - | - | - | - | - | - | - | 4 | 6 | 19 | 29 |
| 402 Hypertensive heart disease | (M) | - | - | - | - | - | - | - | 5 | 18 | 7 | 30 |
| | (F) | - | - | - | - | - | - | - | 5 | 15 | 21 | 41 |
| 403 Hypertensive renal disease | (M) | - | - | - | - | - | - | - | - | 6 | 4 | 10 |
| | (F) | - | - | - | - | - | - | - | 2 | 3 | 9 | 14 |
| 404 Hypertensive heart and renal disease | (M) | - | - | - | - | - | - | - | 2 | 2 | 4 | 8 |
| | (F) | - | - | - | - | - | - | - | - | 1 | 3 | 4 |
| 410 Acute myocardial infarction | (M) | - | - | - | - | - | 1 | 27 | 351 | 806 | 488 | 1673 |
| | (F) | - | - | - | - | - | - | 4 | 85 | 441 | 548 | 1078 |
| 411 Other acute and subacute forms of ischaemic heart disease | (M) | - | - | - | - | - | - | - | 2 | 1 | - | 3 |
| | (F) | - | - | - | - | - | - | - | 1 | 2 | - | 3 |
| 413 Angina pectoris | (M) | - | - | - | - | - | - | - | - | 1 | 1 | 2 |
| | (F) | - | - | - | - | - | - | - | - | 2 | 3 | 5 |
| 414 Other forms of chronic ischaemic heart disease | (M) | - | - | - | - | - | - | 24 | 177 | 502 | 429 | 1132 |
| | (F) | - | - | - | - | - | - | 4 | 48 | 283 | 652 | 987 |
| 415 Acute pulmonary heart disease | (M) | - | - | - | - | - | - | 4 | 8 | 15 | 15 | 42 |
| | (F) | - | - | - | - | - | - | - | 8 | 20 | 15 | 43 |

# Appendix 1

| Cause of Death(*) | | Age of Deceased ( Years ) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | < 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-44 | 45-64 | 65-79 | 80+ | Total |
| 416 Chronic pulmonary heart disease | (M) | - | - | - | - | - | - | - | 2 | 2 | 1 | 5 |
| | (F) | - | - | - | - | - | - | 1 | - | 1 | - | 2 |
| 422 Acute myocarditis | (M) | - | - | - | - | - | - | - | 1 | 2 | - | 3 |
| | (F) | - | - | - | - | - | - | - | 1 | 2 | - | 3 |
| 423 Other diseases of pericardium | (M) | - | - | - | - | - | - | 2 | 1 | 1 | - | 4 |
| | (F) | - | - | - | - | - | - | - | - | - | 1 | 1 |
| 424 Other diseases of endocardium | (M) | - | - | - | - | - | - | 1 | 11 | 34 | 29 | 75 |
| | (F) | - | - | - | - | - | - | - | 5 | 32 | 42 | 79 |
| 425 Cardiomyopathy | (M) | 1 | - | - | - | - | - | 11 | 44 | 48 | 17 | 121 |
| | (F) | 2 | - | - | - | 1 | 1 | 2 | 10 | 21 | 11 | 48 |
| 426 Conduction disorders | (M) | - | - | - | - | - | 1 | - | 2 | 2 | 7 | 12 |
| | (F) | - | - | - | - | - | - | - | - | 1 | 7 | 8 |
| 427 Cardiac dysrhythmias | (M) | - | - | - | - | - | 1 | - | 10 | 51 | 46 | 108 |
| | (F) | - | - | - | - | - | - | 1 | 5 | 38 | 99 | 143 |
| 428 Heart failure | (M) | - | - | - | - | - | - | - | 10 | 64 | 114 | 188 |
| | (F) | - | - | - | - | - | - | - | 3 | 36 | 219 | 258 |
| 429 Ill-defined descriptions and complications of heart disease | (M) | - | - | - | - | - | - | 4 | 20 | 25 | 26 | 75 |
| | (F) | - | - | - | - | - | - | 2 | 2 | 20 | 24 | 48 |
| 430 Subarachnoid haemorrhage | (M) | - | - | - | 1 | - | 2 | 9 | 17 | 11 | 3 | 43 |
| | (F) | - | - | - | - | - | 1 | 11 | 21 | 19 | 10 | 62 |
| 431 Intracerebral haemorrhage | (M) | - | - | - | - | - | 1 | 3 | 30 | 43 | 21 | 98 |
| | (F) | - | - | - | - | - | - | 3 | 19 | 44 | 38 | 104 |
| 432 Other and unspecified intracranial haemorrhage | (M) | - | - | - | - | - | - | - | 4 | 6 | 8 | 18 |
| | (F) | - | - | - | - | - | - | - | 3 | 5 | 4 | 12 |
| 433 Occlusion and stenosis of precerebral arteries | (M) | - | - | - | - | - | - | - | 1 | 5 | 3 | 9 |
| | (F) | - | - | - | - | - | - | - | - | 1 | 4 | 5 |
| 434 Occlusion of cerebral arteries | (M) | - | - | - | - | - | - | - | 8 | 43 | 36 | 87 |
| | (F) | - | - | - | - | - | - | - | 6 | 35 | 63 | 104 |
| 436 Acute but ill-defined cerebrovascular disease | (M) | - | - | - | - | - | - | 2 | 30 | 173 | 254 | 459 |
| | (F) | - | - | - | - | - | - | 1 | 19 | 141 | 436 | 597 |
| 437 Other and ill-defined cerebrovascular disease | (M) | - | - | - | - | - | - | - | 2 | 11 | 29 | 42 |
| | (F) | - | - | - | - | - | - | 2 | - | 13 | 50 | 65 |
| 438 Late effects of cerebrovascular disease | (M) | - | - | - | - | - | - | - | 2 | 20 | 16 | 38 |
| | (F) | - | - | - | - | - | - | - | 1 | 16 | 32 | 49 |
| 440 Atherosclerosis | (M) | - | - | - | - | - | - | - | 6 | 35 | 50 | 91 |
| | (F) | - | - | - | - | - | - | - | - | 34 | 108 | 142 |
| 441 Aortic aneurysm | (M) | - | - | - | - | - | - | - | 16 | 102 | 61 | 179 |
| | (F) | - | - | - | - | - | - | - | 5 | 34 | 34 | 73 |
| 443 Other peripheral vascular disease | (M) | - | - | - | - | - | - | - | 2 | 5 | 9 | 16 |
| | (F) | - | - | - | - | - | - | - | 1 | 10 | 20 | 31 |
| 444 Arterial embolism and thrombosis | (M) | - | - | - | - | - | - | - | 3 | 2 | 2 | 7 |
| | (F) | - | - | - | - | - | - | - | 1 | 3 | 5 | 9 |
| 446 Polyarteritis nodosa and allied conditions | (M) | - | - | - | - | - | - | 1 | 1 | 4 | - | 6 |
| | (F) | - | - | - | - | - | - | 2 | - | 1 | - | 3 |

# Appendix 1

| Cause of Death(*) | | Age of Deceased ( Years ) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | < 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-44 | 45-64 | 65-79 | 80+ | Total |
| 451 Phlebitis and thrombophlebitis | (M) | - | - | - | - | - | - | 1 | 4 | 8 | 9 | 22 |
| | (F) | - | - | - | - | - | - | - | 1 | 4 | 8 | 13 |
| 453 Other venous embolism and thrombosis | (M) | - | - | - | - | - | - | - | - | 1 | 1 | 2 |
| | (F) | - | - | - | - | - | - | 1 | - | 2 | - | 3 |
| 456 Varicose veins of other sites | (M) | - | - | - | - | - | - | 1 | 1 | 1 | 1 | 4 |
| | (F) | - | - | - | - | - | - | - | 1 | 1 | 1 | 3 |
| 459 Other disorders of circulatory system | (M) | - | - | - | - | - | - | 2 | - | 3 | 1 | 6 |
| | (F) | - | - | - | - | - | - | - | - | - | 2 | 2 |
| 465 Acute upper respiratory infections of multiple or unspecified site | (M) | - | - | - | - | - | - | - | - | - | 4 | 4 |
| | (F) | - | - | - | - | - | - | - | - | - | 2 | 2 |
| 466 Acute bronchitis and bronchiolitis | (M) | - | - | - | - | - | - | - | - | 1 | 2 | 3 |
| | (F) | 1 | - | - | - | - | - | - | - | - | 2 | 3 |
| 480 Viral pneumonia | (M) | 1 | - | - | - | - | - | - | - | 1 | 1 | 3 |
| | (F) | 1 | 1 | - | - | - | - | - | - | 1 | 2 | 5 |
| 481 Pneumococcal pneumonia | (M) | - | - | - | - | - | - | 1 | 4 | 6 | 8 | 19 |
| | (F) | - | - | - | - | - | - | 1 | 3 | 5 | 11 | 20 |
| 482 Other bacterial pneumonia | (M) | - | - | - | - | - | 1 | - | 1 | 4 | - | 6 |
| | (F) | 2 | - | - | - | - | 1 | 1 | 1 | 1 | 2 | 8 |
| 485 Bronchopneumonia, organism unspecified | (M) | 1 | - | - | - | - | - | 1 | 10 | 28 | 80 | 120 |
| | (F) | - | - | - | - | - | 1 | 4 | 5 | 26 | 123 | 159 |
| 486 Pneumonia, organism unspecified | (M) | 2 | - | - | - | - | - | 6 | 22 | 76 | 166 | 272 |
| | (F) | 3 | 2 | - | - | - | - | 2 | 12 | 67 | 244 | 330 |
| 487 Influenza | (M) | - | - | - | - | - | 1 | - | - | 6 | 16 | 23 |
| | (F) | - | - | - | - | - | - | 1 | - | 5 | 25 | 31 |
| 490 Bronchitis, not specified as acute or chronic | (M) | - | - | - | - | - | - | - | 1 | 2 | 1 | 4 |
| | (F) | - | - | - | - | - | - | - | - | 2 | 6 | 8 |
| 491 Chronic bronchitis | (M) | - | 1 | - | - | - | - | - | 1 | 17 | 25 | 44 |
| | (F) | - | - | - | - | - | - | 1 | 2 | 8 | 8 | 19 |
| 492 Emphysema | (M) | - | - | - | - | - | - | - | 10 | 60 | 47 | 117 |
| | (F) | - | - | - | - | - | - | - | 8 | 35 | 10 | 53 |
| 493 Asthma | (M) | - | - | - | 2 | - | - | 2 | 9 | 23 | 17 | 53 |
| | (F) | - | - | - | - | - | - | 5 | 7 | 11 | 13 | 36 |
| 494 Bronchiectasis | (M) | - | - | - | - | - | - | 1 | 1 | - | 3 | 5 |
| | (F) | - | - | - | - | - | - | - | - | 2 | 1 | 3 |
| 496 Chronic airways obstruction, not elsewhere classified | (M) | - | - | - | - | - | - | 1 | 28 | 199 | 163 | 391 |
| | (F) | - | - | - | - | - | - | - | 20 | 122 | 90 | 232 |
| 507 Pneumonitis due to solids and liquids | (M) | - | - | - | - | - | - | - | 3 | 7 | 11 | 21 |
| | (F) | - | - | - | - | 1 | - | - | - | 2 | 12 | 15 |
| 514 Pulmonary congestion and hypostasis | (M) | - | - | - | - | - | - | - | - | 1 | 4 | 5 |
| | (F) | - | - | - | - | - | - | - | - | 1 | 2 | 3 |
| 515 Postinflammatory pulmonary fibrosis | (M) | - | - | - | - | - | - | - | 3 | 15 | 22 | 40 |
| | (F) | - | - | - | - | - | - | - | 3 | 12 | 3 | 18 |
| 516 Other alveolar and parietoalveolar pneumopathy | (M) | - | - | - | - | - | - | - | 2 | 1 | 4 | 7 |
| | (F) | - | - | - | - | - | - | - | - | 1 | 2 | 3 |

# Appendix 1

| Cause of Death(*) | | Age of Deceased ( Years ) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | < 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-44 | 45-64 | 65-79 | 80+ | Total |
| 518 Other diseases of lung | (M) | - | - | - | - | - | - | 2 | 2 | 7 | 7 | 18 |
| | (F) | - | - | - | - | - | - | 1 | 3 | 6 | 3 | 13 |
| 519 Other diseases of respiratory system | (M) | - | - | - | - | - | - | - | - | 1 | 5 | 6 |
| | (F) | - | 1 | - | - | - | - | - | 1 | 2 | 7 | 11 |
| 530 Diseases of oesophagus | (M) | - | - | - | - | - | - | - | 3 | 2 | 6 | 11 |
| | (F) | - | - | - | - | - | - | - | - | - | 2 | 2 |
| 531 Gastric ulcer | (M) | - | - | - | - | - | - | - | 5 | 11 | 8 | 24 |
| | (F) | - | - | - | - | - | - | 1 | 2 | 4 | 11 | 18 |
| 532 Duodenal ulcer | (M) | - | - | - | - | - | - | 1 | 7 | 9 | 5 | 22 |
| | (F) | - | - | - | - | - | - | - | 1 | 6 | 11 | 18 |
| 533 Peptic ulcer, site unspecified | (M) | - | - | - | - | - | - | - | 4 | 1 | 2 | 7 |
| | (F) | - | - | - | - | - | - | 1 | - | 1 | 11 | 13 |
| 535 Gastritis and duodenitis | (M) | - | - | - | - | - | - | 3 | 2 | 2 | 2 | 9 |
| | (F) | - | - | - | - | - | - | - | 1 | 5 | 3 | 9 |
| 550 Inguinal hernia | (M) | - | - | - | - | - | - | - | - | - | 4 | 4 |
| | (F) | - | - | - | - | - | - | - | - | - | 3 | 3 |
| 553 Other hernia of abdom cavity without mention of obstruction or gangrene | (M) | - | - | - | - | - | - | - | - | 1 | 3 | 4 |
| | (F) | - | - | - | - | - | - | - | - | 1 | 1 | 2 |
| 555 Regional enteritis | (M) | - | - | - | - | - | - | - | - | - | 2 | 2 |
| | (F) | - | - | - | - | - | - | - | 2 | 1 | 1 | 4 |
| 556 Idiopathic proctocolitis | (M) | - | - | - | - | - | - | - | - | 1 | 1 | 2 |
| | (F) | - | - | - | - | - | - | 1 | 2 | - | - | 3 |
| 557 Vascular insufficiency of intestine | (M) | - | - | - | - | - | - | - | 4 | 10 | 12 | 26 |
| | (F) | - | - | - | - | - | - | - | 4 | 17 | 33 | 54 |
| 558 Other noninfective gastroenteritis and colitis | (M) | - | - | - | - | - | - | - | - | 1 | 1 | 2 |
| | (F) | - | - | - | - | - | - | - | - | 2 | 7 | 9 |
| 560 Intestinal obstruction without mention of hernia | (M) | - | 1 | - | - | - | - | - | 3 | 10 | 12 | 26 |
| | (F) | - | - | - | - | - | - | - | 1 | 12 | 19 | 32 |
| 562 Diverticula of intestine | (M) | - | - | - | - | - | - | 2 | - | 5 | 8 | 15 |
| | (F) | - | - | - | - | - | - | 1 | 1 | 7 | 16 | 25 |
| 567 Peritonitis | (M) | - | - | - | - | - | - | - | 2 | - | 2 | 4 |
| | (F) | - | - | - | - | - | - | - | 1 | - | 4 | 5 |
| 569 Other disorders of intestine | (M) | - | - | - | - | - | 1 | - | 1 | 4 | 1 | 7 |
| | (F) | - | - | - | - | - | - | - | 1 | 2 | 5 | 8 |
| 571 Chronic liver disease and cirrhosis | (M) | - | - | - | - | - | - | 18 | 63 | 63 | 15 | 159 |
| | (F) | - | - | - | - | - | - | 8 | 32 | 42 | 8 | 90 |
| 572 Liver abscess and sequelae of chronic liver disease | (M) | - | - | - | - | - | 1 | 2 | 8 | 7 | 4 | 22 |
| | (F) | - | - | - | - | - | - | - | 2 | 3 | - | 5 |
| 573 Other disorders of liver | (M) | - | - | - | - | - | - | - | 1 | 4 | 1 | 6 |
| | (F) | - | - | - | - | - | - | - | 1 | 4 | 1 | 6 |
| 574 Cholelithiasis | (M) | - | - | - | - | - | - | - | - | 2 | 6 | 8 |
| | (F) | - | - | - | - | - | - | - | - | 2 | 10 | 12 |
| 575 Other disorders of gallbladder | (M) | - | - | - | - | - | - | - | - | 2 | 4 | 6 |
| | (F) | - | - | - | - | - | - | - | - | 2 | 8 | 10 |

# Appendix 1

| Cause of Death(*) | | Age of Deceased ( Years ) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | < 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-44 | 45-64 | 65-79 | 80+ | Total |
| 576 Other disorders of biliary tract | (M) | - | - | - | - | - | - | - | 3 | 3 | 1 | 7 |
| | (F) | - | - | - | - | - | - | - | 1 | 1 | 1 | 3 |
| 577 Diseases of pancreas | (M) | - | - | - | - | - | - | - | 4 | 6 | 2 | 12 |
| | (F) | - | - | - | - | - | - | - | 2 | 6 | 8 | 16 |
| 578 Gastrointestinal haemorrhage | (M) | - | - | - | - | - | - | - | 7 | 8 | 14 | 29 |
| | (F) | 1 | - | - | - | - | - | - | 2 | 6 | 29 | 38 |
| 583 Nephritis and nephropathy, not specified as acute or chronic | (M) | - | - | - | - | - | - | - | 4 | - | 2 | 6 |
| | (F) | - | - | - | - | - | - | - | 1 | 7 | - | 8 |
| 584 Acute renal failure | (M) | - | - | - | - | - | - | - | - | 1 | 3 | 4 |
| | (F) | - | - | - | - | - | - | 1 | - | - | 3 | 4 |
| 585 Chronic renal failure | (M) | - | - | - | - | - | - | - | - | 14 | 14 | 28 |
| | (F) | - | - | - | - | - | - | - | 3 | 11 | 16 | 30 |
| 586 Renal failure, unspecified | (M) | - | - | - | - | - | - | 1 | 5 | 16 | 29 | 51 |
| | (F) | - | - | - | - | - | - | - | 2 | 14 | 32 | 48 |
| 590 Infections of kidney | (M) | - | - | - | - | - | - | 1 | 1 | 4 | 4 | 10 |
| | (F) | - | - | - | - | - | - | 1 | 1 | 5 | 7 | 14 |
| 592 Calculus of kidney and ureter | (M) | - | - | - | - | - | - | - | - | 2 | 1 | 3 |
| | (F) | - | - | - | - | - | - | - | - | 1 | 1 | 2 |
| 593 Other disorders of kidney and ureter | (M) | - | - | - | - | - | - | - | - | 1 | 4 | 5 |
| | (F) | - | - | - | - | - | - | - | 1 | 1 | 4 | 6 |
| 599 Other disorders of urethra and urinary tract | (M) | - | - | - | - | - | - | - | 2 | 4 | 20 | 26 |
| | (F) | - | - | 1 | - | - | - | - | 1 | 9 | 21 | 32 |
| 600 Hyperplasia of prostrate | (M) | - | - | - | - | - | - | - | - | - | 6 | 6 |
| | (F) | - | - | - | - | - | - | - | - | - | - | - |
| 707 Chronic ulcer of skin | (M) | - | - | - | - | - | - | - | - | 2 | 2 | 4 |
| | (F) | - | - | - | - | - | - | - | - | 3 | 1 | 4 |
| 710 Diffuse diseases of connective tissue | (M) | - | - | - | - | - | 1 | 1 | - | 1 | 2 | 5 |
| | (F) | - | - | - | - | 1 | 1 | 2 | 8 | 9 | - | 21 |
| 714 Rheumatoid arthritis and other inflammatory polyarthropathies | (M) | - | - | - | - | - | - | - | 2 | 5 | 2 | 9 |
| | (F) | - | - | - | - | - | - | 1 | 3 | 17 | 7 | 28 |
| 715 Osteoarthrosis and allied disorders | (M) | - | - | - | - | - | - | - | - | - | 2 | 2 |
| | (F) | - | - | - | - | - | - | - | - | 1 | 6 | 7 |
| 733 Other disorders of bone and cartilage | (M) | - | - | - | - | - | - | - | - | 1 | 3 | 4 |
| | (F) | - | - | - | - | - | - | - | - | 4 | 8 | 12 |
| 742 Other congenital anomalies of nervous system | (M) | 3 | - | - | - | 1 | - | - | - | - | - | 4 |
| | (F) | 4 | - | - | - | - | - | - | - | 1 | - | 5 |
| 745 Bulbus cordis anomalies and anomalies of cardiac septal closure | (M) | 1 | 2 | - | - | - | - | 2 | 2 | 1 | 1 | 9 |
| | (F) | 6 | 1 | - | - | - | - | - | - | 2 | 1 | 10 |
| 746 Other congenital anomalies of heart | (M) | 6 | 1 | 1 | - | 1 | 1 | 3 | 1 | - | - | 14 |
| | (F) | 9 | - | - | - | - | - | 1 | - | - | - | 10 |
| 747 Other congenital anomalies of circulatory system | (M) | 2 | - | - | - | - | - | - | 1 | 1 | - | 4 |
| | (F) | 2 | - | - | - | - | - | - | - | - | - | 2 |
| 748 Congenital anomalies of respiratory system | (M) | 8 | - | - | - | - | - | - | - | - | - | 8 |
| | (F) | 7 | - | - | - | - | - | - | - | - | - | 7 |

# Appendix 1

| Cause of Death(*) | | Age of Deceased ( Years ) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | < 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-44 | 45-64 | 65-79 | 80+ | Total |
| 751 Other congenital anomalies of digestive system | (M) | 3 | 1 | - | - | - | - | - | - | - | - | 4 |
| | (F) | - | - | - | - | - | - | - | - | 1 | - | 1 |
| 753 Congenital anomalies of urinary system | (M) | 4 | - | - | - | - | - | - | - | - | 1 | 5 |
| | (F) | 1 | 1 | - | - | - | - | - | 1 | 3 | 1 | 7 |
| 756 Other congenital musculoskeletal anomalies | (M) | 2 | - | - | - | - | - | - | - | - | - | 2 |
| | (F) | 5 | 1 | - | - | - | 1 | - | 1 | - | - | 8 |
| 758 Chromosomal anomalies | (M) | 3 | 3 | - | - | - | - | 1 | 1 | - | - | 8 |
| | (F) | 4 | - | - | - | - | - | - | 1 | - | - | 5 |
| 759 Other and unspecified congenital anomalies | (M) | 9 | - | - | - | - | - | - | - | - | - | 9 |
| | (F) | 3 | - | - | - | - | 1 | 1 | - | - | - | 5 |
| 761 Fetus or newborn affected by maternal complications of pregnancy | (M) | 2 | - | - | - | - | - | - | - | - | - | 2 |
| | (F) | 5 | - | - | - | - | - | - | - | - | - | 5 |
| 762 Fetus or newborn affect by complicat of placenta, cord and membranes | (M) | 11 | - | - | - | - | - | - | - | - | - | 11 |
| | (F) | 5 | - | - | - | - | - | - | - | - | - | 5 |
| 765 Disorders relating to short gestation and unspecified low birthweight | (M) | 19 | - | - | - | - | - | - | - | - | - | 19 |
| | (F) | 13 | - | - | - | - | - | - | - | - | - | 13 |
| 768 Intrauterine hypoxia and birth asphyxia | (M) | 9 | - | - | - | - | - | - | - | - | - | 9 |
| | (F) | 4 | - | - | - | - | - | - | - | - | - | 4 |
| 769 Respiratory distress syndrome | (M) | 18 | - | - | - | - | - | - | - | - | - | 18 |
| | (F) | 13 | - | - | - | - | - | - | - | - | - | 13 |
| 770 Other respiratory conditions of fetus and newborn | (M) | 16 | - | - | - | - | - | - | - | - | - | 16 |
| | (F) | 10 | - | - | - | - | - | - | - | - | - | 10 |
| 771 Infections specific to the perinatal period | (M) | 3 | - | - | - | - | - | - | - | - | - | 3 |
| | (F) | 2 | - | - | - | - | - | - | - | - | - | 2 |
| 797 Senility without mention of psychosis | (M) | - | - | - | - | - | - | - | - | 1 | 7 | 8 |
| | (F) | - | - | - | - | - | - | - | - | 1 | 16 | 17 |
| 798 Sudden death, cause unknown | (M) | 48 | 1 | - | - | - | 1 | 2 | 1 | - | - | 53 |
| | (F) | 22 | 1 | - | - | - | - | 1 | - | 1 | - | 25 |
| 799 Other ill-defined and unknown causes of morbidity and mortality | (M) | 7 | 4 | 3 | 2 | 12 | 14 | 75 | 71 | 45 | 21 | 254 |
| | (F) | 1 | 2 | - | 2 | 4 | 8 | 30 | 40 | 35 | 27 | 149 |
| 805 Hit by rolling stock | (M) | - | 1 | - | - | - | 2 | 3 | 2 | - | - | 8 |
| | (F) | - | - | - | - | - | - | 1 | - | - | - | 1 |
| 812 Other motor vehicle traffic accident involv collision with anoth motor veh. | (M) | 2 | 1 | 3 | - | 20 | 19 | 37 | 16 | 6 | 3 | 107 |
| | (F) | - | 3 | 2 | - | 8 | 6 | 22 | 11 | 5 | 2 | 59 |
| 813 Motor vehicle traffic accident involving collision with other vehicle | (M) | - | - | - | 1 | - | 2 | 3 | 1 | 1 | - | 8 |
| | (F) | - | - | - | - | - | - | - | - | - | - | - |
| 814 Motor vehicle traffic accident involving collision with pedestrian | (M) | - | 3 | 2 | - | 2 | 5 | 12 | 13 | 7 | 3 | 47 |
| | (F) | - | 1 | - | - | 4 | 4 | 3 | 6 | 6 | 4 | 28 |
| 815 Other motor vehicle traffic accident involving collision on the highway | (M) | - | - | - | - | 5 | 3 | 17 | 4 | 2 | 1 | 32 |
| | (F) | - | - | - | - | - | - | 1 | 2 | - | - | 3 |
| 816 Motor vehicle traffic accident due to loss of control, without collis. on highway | (M) | - | 1 | - | - | 8 | 18 | 30 | 7 | 4 | 1 | 69 |
| | (F) | - | - | - | - | 6 | 1 | 14 | 4 | 2 | 1 | 28 |
| 819 Motor vehicle traffic accident of unspecified nature | (M) | 2 | 2 | 1 | 2 | 11 | 23 | 20 | 4 | 4 | 1 | 70 |
| | (F) | - | 2 | - | - | 3 | 2 | 10 | 1 | 7 | 1 | 26 |

# Appendix 1

| Cause of Death(*) | | Age of Deceased ( Years ) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | < 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-44 | 45-64 | 65-79 | 80+ | Total |
| 830 Accident to watercraft causing submersion | (M) | - | - | 1 | - | 2 | - | 1 | 4 | - | - | 8 |
| | (F) | - | - | - | - | - | - | 1 | - | - | - | 1 |
| 841 Accident to powered aircraft, other and unspecified | (M) | - | - | - | - | 2 | 3 | 11 | 4 | 1 | - | 21 |
| | (F) | - | - | - | - | - | - | 2 | - | - | - | 2 |
| 850 Accidental poisoning by analgesics, antipyretics, antirheumatics | (M) | - | - | - | - | - | - | 4 | - | - | - | 4 |
| | (F) | - | - | - | - | - | - | 3 | - | 2 | - | 5 |
| 858 Accidental poisoning by other drugs | (M) | - | - | - | - | - | - | 10 | 3 | 2 | - | 15 |
| | (F) | - | - | - | - | - | - | 3 | 2 | 1 | - | 6 |
| 860 Accidental poisoning by alcohol, not elsewhere classified | (M) | - | - | - | - | - | 1 | 4 | 4 | 1 | - | 10 |
| | (F) | - | - | - | - | - | - | 2 | 1 | - | - | 3 |
| 878 Surg oper and oth proc as cause of abnorm react or later complication | (M) | - | - | 1 | - | - | - | 2 | 3 | 14 | 5 | 25 |
| | (F) | - | - | - | - | - | - | 1 | 3 | 4 | 3 | 11 |
| 880 Fall on or from stairs or steps | (M) | - | - | - | - | - | - | - | 2 | 6 | 2 | 10 |
| | (F) | - | - | - | - | - | - | - | 2 | 1 | 6 | 9 |
| 881 Fall on or from ladders or scaffolding | (M) | - | - | - | - | - | - | - | 2 | 5 | - | 7 |
| | (F) | - | - | - | - | - | - | - | - | - | - | - |
| 882 Fall from or out of building or other structure | (M) | - | - | 1 | - | 1 | - | 5 | 1 | 1 | 1 | 10 |
| | (F) | - | - | - | - | - | - | - | - | - | 2 | 2 |
| 884 Other fall from one level to another | (M) | - | - | - | - | - | - | 1 | 1 | 6 | 7 | 15 |
| | (F) | - | - | - | - | - | 1 | 1 | - | 1 | - | 3 |
| 885 Fall on same level from slipping, tripping or stumbling | (M) | - | - | - | - | - | - | - | - | 2 | 5 | 7 |
| | (F) | - | - | - | - | 1 | - | - | 1 | - | 7 | 9 |
| 887 Fracture, cause unspecified | (M) | - | - | - | - | - | - | - | 1 | 4 | 13 | 18 |
| | (F) | - | - | - | - | - | - | - | 1 | 4 | 40 | 45 |
| 888 Other and unspecified fall | (M) | - | - | - | - | - | - | 1 | 6 | 17 | 28 | 52 |
| | (F) | - | - | - | - | - | - | 3 | 1 | 12 | 46 | 62 |
| 890 Conflagration in private dwelling | (M) | - | 2 | - | 1 | 3 | 1 | 13 | 5 | 5 | 3 | 33 |
| | (F) | - | 2 | 1 | 1 | 1 | 1 | 4 | 4 | 2 | 1 | 17 |
| 904 Hunger, thirst, exposure, neglect | (M) | - | - | - | - | - | - | 2 | - | - | - | 2 |
| | (F) | 1 | - | - | - | - | - | - | 1 | 1 | - | 3 |
| 910 Accidental drowning and submersion | (M) | 1 | 2 | 4 | - | 2 | 7 | 14 | 12 | 4 | 2 | 48 |
| | (F) | - | 3 | - | - | - | 1 | 3 | 3 | 2 | 1 | 13 |
| 911 Inhalation and ingest of food caus obstruct of resp tract or suffocation | (M) | - | 1 | - | - | - | - | 2 | 3 | 3 | - | 9 |
| | (F) | - | - | - | - | - | - | 1 | 1 | 2 | 2 | 6 |
| 913 Accidental mechanical suffocation | (M) | 2 | 1 | - | 4 | - | 1 | 2 | 3 | - | - | 13 |
| | (F) | 2 | 2 | - | - | - | - | 1 | - | 2 | - | 7 |
| 916 Struck accidentally by falling object | (M) | - | 2 | - | - | - | - | 11 | 8 | - | - | 21 |
| | (F) | - | - | - | - | - | - | - | - | - | - | - |
| 919 Accidents caused by machinery | (M) | - | - | - | - | 1 | 3 | 11 | 4 | 1 | - | 20 |
| | (F) | - | - | - | - | - | - | 1 | - | - | - | 1 |
| 922 Accident caused by firearm missile | (M) | - | 1 | - | - | 1 | 1 | 4 | - | - | - | 7 |
| | (F) | - | - | - | - | - | - | - | - | - | - | - |
| 925 Accident caused by electric current | (M) | - | 1 | - | - | - | 1 | 6 | - | - | - | 8 |
| | (F) | - | - | - | - | - | - | - | - | - | - | - |

# Appendix 1

| Cause of Death(*) | | Age of Deceased ( Years ) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | < 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-44 | 45-64 | 65-79 | 80+ | Total |
| 928 Other and unspecified environmental and accidental causes | (M) | - | - | - | - | - | - | 4 | 1 | - | - | 5 |
| | (F) | - | - | - | - | - | 1 | - | - | - | 1 | 2 |
| 929 Late effects of accidental injury | (M) | - | - | - | - | - | - | 5 | 2 | 1 | 1 | 9 |
| | (F) | - | - | - | - | - | - | 3 | - | 1 | 1 | 5 |
| 939 Psychotropic agents | (M) | - | - | - | - | - | - | 1 | 1 | - | - | 2 |
| | (F) | - | - | - | - | - | - | 1 | 2 | - | - | 3 |
| 950 Suicide and selfinflicted poisoning by solid or liquid substances | (M) | - | - | - | - | 2 | 2 | 15 | 10 | 8 | 1 | 38 |
| | (F) | - | - | - | - | 1 | 6 | 15 | 10 | 10 | 1 | 43 |
| 952 Suicide and selfinflicted poisoning by other gases and vapours | (M) | - | - | - | - | 4 | 4 | 22 | 10 | 1 | 1 | 42 |
| | (F) | - | - | - | - | - | 1 | 2 | 3 | - | - | 6 |
| 953 Suicide and selfinflicted injury by hanging, strangulation and suffocat | (M) | - | - | - | 3 | 9 | 18 | 31 | 12 | 4 | 3 | 80 |
| | (F) | - | - | - | 2 | 1 | 1 | 4 | 4 | 5 | 5 | 22 |
| 954 Suicide and selfinflicted injury by submersion (drowning) | (M) | - | - | - | - | - | - | - | - | 2 | - | 2 |
| | (F) | - | - | - | - | - | - | 3 | 1 | - | 1 | 5 |
| 955 Suicide and selfinflicted injury by firearms and explosives | (M) | - | - | - | 3 | 4 | 14 | 43 | 33 | 8 | - | 105 |
| | (F) | - | - | - | - | - | 1 | 5 | 2 | 1 | - | 9 |
| 956 Suicide and selfinflicted injury by cutting and piercing instruments | (M) | - | - | - | - | 1 | 1 | 5 | 3 | - | 1 | 11 |
| | (F) | - | - | - | - | - | - | - | 1 | - | - | 1 |
| 957 Suicide and selfinflicted injury by jumping from high place | (M) | - | - | - | - | 1 | 2 | 15 | 3 | 3 | 2 | 26 |
| | (F) | - | - | - | - | - | 2 | 3 | 1 | 1 | 1 | 8 |
| 958 Suicide and selfinflicted injury by other and unspecified means | (M) | - | - | - | - | 1 | 2 | 3 | 1 | 1 | - | 8 |
| | (F) | - | - | - | - | - | - | 3 | - | 2 | - | 5 |
| 963 Assault by hanging and strangulation | (M) | - | 1 | 1 | - | - | 1 | 1 | - | - | - | 4 |
| | (F) | - | - | - | - | - | 2 | - | - | - | 1 | 3 |
| 965 Assault by firearms and explosives | (M) | - | - | - | - | 2 | - | 8 | 1 | 1 | - | 12 |
| | (F) | - | - | - | - | 1 | 1 | 2 | 1 | 1 | - | 6 |
| 966 Assault by cutting and piercing instrument | (M) | - | - | - | - | 2 | 1 | 12 | 4 | 2 | 1 | 22 |
| | (F) | - | - | - | - | - | 1 | 2 | - | - | - | 3 |
| 968 Assault by other and unspecified means | (M) | - | - | - | - | - | 2 | 6 | 2 | 1 | - | 11 |
| | (F) | - | - | 1 | - | - | - | - | - | - | - | 1 |
| Total Number of Deaths - All Causes | (M) | 202 | 46 | 22 | 24 | 116 | 183 | 930 | 2350 | 4914 | 3644 | 12431 |
| | (F) | 149 | 28 | 8 | 10 | 40 | 62 | 412 | 1329 | 3584 | 4720 | 10342 |

Note: (*) Cause of death shown for 5 or more deaths only
Excluded - 1 case sex unknown, 2 cases age unknown

# Appendix 2

## Potential Years Of Life Lost By Health Unit, British Columbia, 1989
## ( For Age-Group : 0-75 )

**H.U. = 01 : East Kootenay**

| Cause of Death | | Male | | | | | Female | | | | | Total | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL |
| **Inf/Paras. D** | 001-139 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| -AIDS/HIV rl. | 042-044 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **Cancer** | 140-208 | 34 | 355. | 13.3 | 9.6 | 10.4 | 39 | 518. | 40.6 | 16.6 | 13.3 | 73 | 873. | 22.1 | 12.9 | 12.0 |
| -Lung | 162 | 14 | 155. | 5.8 | 4.3 | 11.1 | 9 | 113. | 8.8 | 3.7 | 12.5 | 23 | 268. | 6.8 | 4.0 | 11.6 |
| -Fem. Breast | 174 | - | - | - | - | - | 10 | 140. | 11.0 | 4.0 | 14.0 | 10 | 140. | 3.6 | 1.9 | 14.0 |
| -Colorectal | 153-154 | - | - | - | - | - | 4 | 55. | 4.3 | 2.0 | 13.8 | 4 | 55. | 1.4 | 0.9 | 13.8 |
| -Cervical | 180 | - | - | - | - | - | 2 | 35. | 2.7 | 1.2 | 17.5 | 2 | 35. | 0.9 | 0.5 | 17.5 |
| -Prostate | 185 | 3 | 13. | 0.5 | 0.3 | 4.2 | - | - | - | - | - | 3 | 13. | 0.3 | 0.1 | 4.2 |
| **End/Nut/Met.** | 240-279 | 2 | 85. | 3.2 | 2.4 | 42.5 | 6 | 55. | 4.3 | 1.8 | 9.2 | 8 | 140. | 3.6 | 2.0 | 17.5 |
| -Diabetes | 250 | 1 | 48. | 1.8 | 1.6 | 47.5 | 3 | 8. | 0.6 | 0.2 | 2.5 | 4 | 55. | 1.4 | 0.9 | 13.8 |
| **Circulatory** | 390-459 | 64 | 705. | 26.4 | 19.2 | 11.0 | 12 | 105. | 8.2 | 3.1 | 8.8 | 76 | 810. | 20.5 | 11.7 | 10.7 |
| -Cor.Ht | 410-414,4292 | 47 | 508. | 19.0 | 14.0 | 10.8 | 8 | 60. | 4.7 | 1.8 | 7.5 | 55 | 568. | 14.4 | 8.3 | 10.3 |
| -C.V./St | 430-4,436-8 | 3 | 38. | 1.4 | 1.0 | 12.5 | 2 | 10. | 0.8 | 0.2 | 5.0 | 5 | 48. | 1.2 | 0.7 | 9.5 |
| -Arteries | 440-448 | 5 | 33. | 1.2 | 0.8 | 6.5 | - | - | - | - | - | 5 | 33. | 0.8 | 0.4 | 6.5 |
| **Respiratory** | 460-519 | 7 | 63. | 2.3 | 1.7 | 8.9 | 4 | 122. | 9.6 | 4.3 | 30.5 | 11 | 185. | 4.7 | 3.0 | 16.8 |
| -Pneu/Infl | 480-487 | 4 | 20. | 0.7 | 0.4 | 5.0 | 1 | 75. | 5.9 | 2.8 | 74.5 | 5 | 95. | 2.4 | 1.6 | 18.9 |
| -Chr. Lung | 491-2,496 | 2 | 40. | 1.5 | 1.2 | 20.0 | 2 | 35. | 2.7 | 1.2 | 17.5 | 4 | 75. | 1.9 | 1.2 | 18.8 |
| -Asthma | 493 | 1 | 3. | 0.1 | 0.1 | 2.5 | 1 | 13. | 1.0 | 0.4 | 12.5 | 2 | 15. | 0.4 | 0.2 | 7.5 |
| **Digestive** | 520-579 | 3 | 38. | 1.4 | 0.9 | 12.5 | 4 | 30. | 2.4 | 0.9 | 7.5 | 7 | 68. | 1.7 | 0.9 | 9.6 |
| -Chr.Liv/Cirr | 571 | 2 | 35. | 1.3 | 0.8 | 17.5 | 3 | 28. | 2.2 | 0.9 | 9.2 | 5 | 63. | 1.6 | 0.8 | 12.5 |
| **Cong.Anomaly** | 740-759 | 1 | 33. | 1.2 | 0.8 | 32.5 | 1 | 75. | 5.9 | 2.8 | 74.5 | 2 | 107. | 2.7 | 1.8 | 53.5 |
| **Perinatal** | 760-779 | - | - | - | - | - | 1 | 75. | 5.9 | 2.8 | 74.5 | 1 | 75. | 1.9 | 1.4 | 74.5 |
| **Ext.Causes** | E800-999 | 24 | 1032. | 38.7 | 35.3 | 43.0 | 6 | 185. | 14.5 | 5.2 | 30.8 | 30 | 1217. | 30.9 | 20.4 | 40.6 |
| -M.V.Tr.Acc | E810-819 | 10 | 465. | 17.4 | 17.8 | 46.5 | 3 | 93. | 7.3 | 2.7 | 30.8 | 13 | 558. | 14.1 | 10.3 | 42.9 |
| -Poisoning | E850-869 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| -Falls | E880-888 | - | - | - | - | - | 1 | 8. | 0.6 | 0.2 | 7.5 | 1 | 8. | 0.2 | 0.1 | 7.5 |
| -Suicide | E950-959 | 6 | 225. | 8.4 | 6.5 | 37.5 | 1 | 38. | 2.9 | 0.8 | 37.5 | 7 | 263. | 6.7 | 3.7 | 37.5 |
| **All Other Causes** | | 9 | 360. | 13.5 | 11.5 | 39.9 | 4 | 110. | 8.6 | 4.1 | 27.5 | 13 | 470. | 11.9 | 7.8 | 36.1 |
| **Total** | | 144 | 2669. | 100.0 | 81.4 | 18.5 | 77 | 1274. | 100.0 | 41.7 | 16.5 | 221 | 3943. | 100.0 | 62.0 | 17.8 |

NOTE: ( Standard Rates of PYLL /1,000 Population : Based on 1971 Canada Population from the Planning And Statistics Division, Ministry of Finance and Corporate Relations)
Totals listed at the bottom of table are based on all causes of death (001-E999) and are therefore not a simple summation of individual columns.

Appendix 2

## Potential Years Of Life Lost By Health Unit, British Columbia, 1989
## ( For Age-Group : 0-75 )

**H.U. = 02 : Central Kootenay**

| Cause of Death | | Male | | | | | Female | | | | | Total | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | Avg. Rate | PYLL |
| **Inf/Paras. D** | 001-139 | 1 | 3. | 0.1 | - | 2.5 | - | - | - | - | - | 1 | 3. | - | - | 2.5 |
| -AIDS/HIV rl. | 042-044 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **Cancer** | 140-208 | 60 | 710. | 19.3 | 18.5 | 11.8 | 41 | 668. | 40.8 | 19.2 | 16.3 | 101 | 1377. | 25.9 | 18.9 | 13.6 |
| -Lung | 162 | 23 | 218. | 5.9 | 5.0 | 9.5 | 9 | 83. | 5.0 | 2.0 | 9.2 | 32 | 300. | 5.6 | 3.5 | 9.4 |
| -Fem. Breast | 174 | - | - | - | - | - | 11 | 193. | 11.8 | 5.0 | 17.5 | 11 | 193. | 3.6 | 2.5 | 17.5 |
| -Colorectal | 153-154 | 7 | 63. | 1.7 | 1.4 | 8.9 | 5 | 58. | 3.5 | 1.4 | 11.5 | 12 | 120. | 2.3 | 1.4 | 10.0 |
| -Cervical | 180 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| -Prostate | 185 | 4 | 20. | 0.5 | 0.4 | 5.0 | - | - | - | - | - | 4 | 20. | 0.4 | 0.2 | 5.0 |
| **End/Nut/Met.** | 240-279 | 2 | 25. | 0.7 | 0.6 | 12.5 | 2 | 45. | 2.8 | 1.1 | 22.5 | 4 | 70. | 1.3 | 0.8 | 17.5 |
| -Diabetes | 250 | 2 | 25. | 0.7 | 0.6 | 12.5 | 2 | 45. | 2.8 | 1.1 | 22.5 | 4 | 70. | 1.3 | 0.8 | 17.5 |
| **Circulatory** | 390-459 | 77 | 738. | 20.1 | 16.7 | 9.6 | 27 | 223. | 13.6 | 4.6 | 8.2 | 104 | 960. | 18.1 | 10.8 | 9.2 |
| -Cor.Ht | 410-414,4292 | 50 | 455. | 12.4 | 10.3 | 9.1 | 18 | 120. | 7.3 | 2.4 | 6.7 | 68 | 575. | 10.8 | 6.5 | 8.5 |
| -C.V./St | 430-4,436-8 | 9 | 78. | 2.1 | 1.6 | 8.6 | 3 | 53. | 3.2 | 1.2 | 17.5 | 12 | 130. | 2.4 | 1.4 | 10.8 |
| -Arteries | 440-448 | 5 | 38. | 1.0 | 0.7 | 7.5 | 3 | 28. | 1.7 | 0.5 | 9.2 | 8 | 65. | 1.2 | 0.6 | 8.1 |
| **Respiratory** | 460-519 | 9 | 138. | 3.7 | 4.2 | 15.3 | 9 | 150. | 9.1 | 5.2 | 16.6 | 18 | 287. | 5.4 | 4.8 | 15.9 |
| -Pneu/Infl | 480-487 | 2 | 10. | 0.3 | 0.2 | 5.0 | 4 | 122. | 7.5 | 4.7 | 30.5 | 6 | 132. | 2.5 | 2.4 | 22.0 |
| -Chr. Lung | 491-2,496 | 3 | 8. | 0.2 | 0.1 | 2.5 | 5 | 28. | 1.7 | 0.5 | 5.5 | 8 | 35. | 0.7 | 0.3 | 4.4 |
| -Asthma | 493 | 2 | 95. | 2.6 | 3.4 | 47.5 | - | - | - | - | - | 2 | 95. | 1.8 | 1.7 | 47.5 |
| **Digestive** | 520-579 | 6 | 75. | 2.0 | 2.0 | 12.5 | 3 | 13. | 0.8 | 0.2 | 4.2 | 9 | 88. | 1.6 | 1.1 | 9.7 |
| -Chr.Liv/Cirr | 571 | 2 | 30. | 0.8 | 0.8 | 15.0 | - | - | - | - | - | 2 | 30. | 0.6 | 0.4 | 15.0 |
| **Cong. Anomaly** | 740-759 | 5 | 363. | 9.9 | 15.3 | 72.6 | 2 | 87. | 5.3 | 3.7 | 43.5 | 7 | 450. | 8.5 | 9.5 | 64.3 |
| **Perinatal** | 760-779 | 1 | 75. | 2.0 | 3.4 | 74.5 | 1 | 75. | 4.6 | 3.4 | 74.5 | 2 | 149. | 2.8 | 3.4 | 74.5 |
| **Ext. Causes** | E800-999 | 29 | 1137. | 30.9 | 38.2 | 39.2 | 4 | 142. | 8.7 | 5.2 | 35.5 | 33 | 1279. | 24.1 | 21.7 | 38.7 |
| -M.V.Tr.Acc | E810-819 | 14 | 560. | 15.2 | 18.6 | 40.0 | 1 | 3. | 0.2 | - | 2.5 | 15 | 563. | 10.6 | 9.4 | 37.5 |
| -Poisoning | E850-869 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| -Falls | E880-888 | 2 | 50. | 1.4 | 1.2 | 25.0 | 1 | 23. | 1.4 | 0.7 | 22.5 | 3 | 73. | 1.4 | 1.0 | 24.2 |
| -Suicide | E950-959 | 6 | 210. | 5.7 | 7.0 | 35.0 | 1 | 43. | 2.6 | 1.1 | 42.5 | 7 | 253. | 4.8 | 4.0 | 36.1 |
| **All Other Causes** | | 12 | 414. | 11.3 | 14.3 | 34.5 | 10 | 235. | 14.4 | 6.7 | 23.5 | 22 | 649. | 12.2 | 10.5 | 29.5 |
| **Total** | | 202 | 3675. | 100.0 | 113.1 | 18.2 | 99 | 1636. | 100.0 | 49.3 | 16.5 | 301 | 5311. | 100.0 | 81.4 | 17.6 |

NOTE: : Standard Rates of PYLL /1,000 Population : Based on 1971 Canada Population from the Planning And Statistics Division, Ministry of Finance and Corporate Relations)

Totals listed at the bottom of table are based on all causes of death (001-E999) and are therefore not a simple summation of individual columns.

## Potential Years Of Life Lost By Health Unit, British Columbia, 1989
## ( For Age-Group : 0-75 )

**H.U. = 04 : North Okanagan**

| Cause of Death | | Male | | | | | Female | | | | | Total | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL |
| **Inf/Paras. D** | 001-139 | - | - | - | - | - | 1 | 75. | 3.4 | 2.4 | 74.5 | 1 | 75. | 1.3 | 1.2 | 74.5 |
| -AIDS/HIV rl. | 042-044 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **Cancer** | 140-208 | 58 | 735. | 19.9 | 13.9 | 12.7 | 59 | 643. | 29.7 | 12.0 | 10.9 | 117 | 1378. | 23.5 | 12.9 | 11.8 |
| -Lung | 162 | 20 | 185. | 5.0 | 3.0 | 9.3 | 13 | 88. | 4.0 | 1.1 | 6.7 | 33 | 273. | 4.6 | 2.1 | 8.3 |
| -Fem. Breast | 174 | - | - | - | - | - | 10 | 180. | 8.3 | 3.6 | 18.0 | 10 | 180. | 3.1 | 1.8 | 18.0 |
| -Colorectal | 153-154 | 4 | 15. | 0.4 | 0.2 | 3.8 | 7 | 93. | 4.3 | 2.1 | 13.2 | 11 | 108. | 1.8 | 1.1 | 9.8 |
| -Cervical | 180 | - | - | - | - | - | 1 | 33. | 1.5 | 0.6 | 32.5 | 1 | 33. | 0.6 | 0.3 | 32.5 |
| -Prostate | 185 | 5 | 43. | 1.1 | 0.7 | 8.5 | - | - | - | - | - | 5 | 43. | 0.7 | 0.4 | 8.5 |
| **End/Nut/Met.** | 240-279 | 6 | 120. | 3.2 | 2.8 | 20.0 | 3 | 23. | 1.0 | 0.3 | 7.5 | 9 | 143. | 2.4 | 1.6 | 15.8 |
| -Diabetes | 250 | 4 | 50. | 1.4 | 1.0 | 12.5 | 2 | 10. | 0.5 | 0.1 | 5.0 | 6 | 60. | 1.0 | 0.5 | 10.0 |
| **Circulatory** | 390-459 | 64 | 735. | 19.9 | 14.0 | 11.5 | 22 | 180. | 8.3 | 3.1 | 8.2 | 86 | 915. | 15.6 | 8.6 | 10.6 |
| -Cor.Ht | 410-414,4292 | 39 | 453. | 12.2 | 8.4 | 11.6 | 12 | 85. | 3.9 | 1.4 | 7.1 | 51 | 538. | 9.2 | 4.9 | 10.5 |
| -C.V./St | 430-4,436-8 | 11 | 128. | 3.4 | 3.0 | 11.6 | 4 | 50. | 2.3 | 1.0 | 12.5 | 15 | 178. | 3.0 | 2.0 | 11.8 |
| -Arteries | 440-448 | 3 | 13. | 0.3 | 0.1 | 4.2 | 3 | 23. | 1.0 | 0.3 | 7.5 | 6 | 35. | 0.6 | 0.2 | 5.8 |
| **Respiratory** | 460-519 | 8 | 132. | 3.6 | 3.2 | 16.5 | 4 | 20. | 0.9 | 0.2 | 5.0 | 12 | 152. | 2.6 | 1.7 | 12.7 |
| -Pneu/Infl | 480-487 | 2 | 92. | 2.5 | 2.7 | 46.0 | - | - | - | - | - | 2 | 92. | 1.6 | 1.4 | 46.0 |
| -Chr. Lung | 491-2,496 | 4 | 20. | 0.5 | 0.2 | 5.0 | 4 | 20. | 0.9 | 0.2 | 5.0 | 8 | 40. | 0.7 | 0.2 | 5.0 |
| -Asthma | 493 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **Digestive** | 520-579 | 9 | 118. | 3.2 | 2.2 | 13.1 | 3 | 78. | 3.6 | 2.0 | 25.8 | 12 | 195. | 3.3 | 2.1 | 16.3 |
| -Chr.Liv/Cirr | 571 | 3 | 23. | 0.6 | 0.3 | 7.5 | - | - | - | - | - | 3 | 23. | 0.4 | 0.1 | 7.5 |
| **Cong.Anomaly** | 740-759 | 1 | 75. | 2.0 | 2.3 | 74.5 | 2 | 149. | 6.9 | 4.7 | 74.5 | 3 | 224. | 3.8 | 3.5 | 74.5 |
| **Perinatal** | 760-779 | 5 | 373. | 10.1 | 11.7 | 74.5 | 1 | 75. | 3.4 | 2.4 | 74.5 | 6 | 447. | 7.6 | 7.1 | 74.5 |
| **Ext. Causes** | E800-999 | 30 | 1135. | 30.7 | 29.7 | 37.8 | 16 | 595. | 27.5 | 16.1 | 37.2 | 46 | 1730. | 29.5 | 22.9 | 37.6 |
| -M.V.Tr.Acc | E810-819 | 10 | 405. | 11.0 | 10.2 | 40.5 | 7 | 298. | 13.7 | 8.4 | 42.5 | 17 | 703. | 12.0 | 9.2 | 41.3 |
| -Poisoning | E850-869 | 1 | 13. | 0.3 | 0.2 | 12.5 | - | - | - | - | - | 1 | 13. | 0.2 | 0.1 | 12.5 |
| -Falls | E880-888 | 1 | 13. | 0.3 | 0.2 | 12.5 | - | - | - | - | - | 1 | 13. | 0.2 | 0.1 | 12.5 |
| -Suicide | E950-959 | 7 | 253. | 6.8 | 7.3 | 36.1 | 2 | 10. | 0.5 | 0.1 | 5.0 | 9 | 263. | 4.5 | 3.7 | 29.2 |
| **All Other Causes** | | 11 | 278. | 7.5 | 6.6 | 25.2 | 14 | 330. | 15.2 | 8.4 | 23.6 | 25 | 608. | 10.4 | 7.4 | 24.3 |
| **Total** | | 192 | 3699. | 100.0 | 86.5 | 19.3 | 125 | 2166. | 100.0 | 51.5 | 17.3 | 317 | 5864. | 100.0 | 69.0 | 18.5 |

NOTE: ( Standard Rates of PYLL /1,000 Population : Based on 1971 Canada Population from the Planning And Statistics Division, Ministry of Finance and Corporate Relations)
Totals listed at the bottom of table are based on all causes of death (001-E999) and are therefore not a simple summation of individual columns.

Appendix 2

# Potential Years Of Life Lost By Health Unit, British Columbia, 1989
## ( For Age-Group : 0-75 )

**H.U. = 05 : South Okanagan**

| Cause of Death | | Male | | | | | Female | | | | | Total | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL |
| **Inf/Paras. D** | 001-139 | 5 | 83. | 1.4 | 0.8 | 16.5 | 2 | 30. | 0.8 | 0.3 | 15.0 | 7 | 113. | 1.1 | 0.5 | 16.1 |
| -AIDS/HIV rl. | 042-044 | - | - | - | - | - | 1 | 23. | 0.6 | 0.3 | 22.5 | 1 | 23. | 0.2 | 0.1 | 22.5 |
| **Cancer** | 140-208 | 130 | 1475. | 24.6 | 14.7 | 11.3 | 126 | 1505. | 37.7 | 14.9 | 11.9 | 256 | 2980. | 29.8 | 14.8 | 11.6 |
| -Lung | 162 | 41 | 468. | 7.8 | 4.6 | 11.4 | 24 | 285. | 7.1 | 2.6 | 11.9 | 65 | 753. | 7.5 | 3.5 | 11.6 |
| -Fem. Breast | 174 | - | - | - | - | - | 24 | 380. | 9.5 | 3.7 | 15.8 | 24 | 380. | 3.8 | 1.9 | 15.8 |
| -Colorectal | 153-154 | 15 | 198. | 1.8 | 0.8 | 7.2 | 16 | 135. | 3.4 | 1.1 | 8.4 | 31 | 243. | 2.4 | 0.9 | 7.8 |
| -Cervical | 180 | - | - | - | - | - | 3 | 78. | 1.9 | 1.1 | 25.8 | 3 | 78. | 0.8 | 0.6 | 25.8 |
| -Prostate | 185 | 7 | 83. | 1.4 | 0.8 | 11.8 | - | - | - | - | - | 7 | 83. | 0.8 | 0.4 | 11.8 |
| **End/Nut/Met.** | 240-279 | 8 | 177. | 2.9 | 2.5 | 22.1 | 4 | 80. | 2.0 | 0.9 | 20.0 | 12 | 257. | 2.6 | 1.7 | 21.4 |
| -Diabetes | 250 | 4 | 55. | 0.9 | 0.5 | 13.8 | 3 | 78. | 1.9 | 0.8 | 25.8 | 7 | 133. | 1.3 | 0.7 | 18.9 |
| **Circulatory** | 390-459 | 138 | 1382. | 23.0 | 13.0 | 10.0 | 59 | 518. | 13.0 | 4.2 | 8.8 | 197 | 1900. | 19.0 | 8.5 | 9.6 |
| -Cor.Ht | 410-414,4292 | 85 | 838. | 14.0 | 7.4 | 9.9 | 27 | 223. | 5.6 | 1.6 | 8.2 | 112 | 1060. | 10.6 | 4.4 | 9.5 |
| -C.V./St | 430-4,436-8 | 18 | 170. | 2.8 | 1.6 | 9.4 | 21 | 238. | 6.0 | 2.3 | 11.3 | 39 | 408. | 4.1 | 1.9 | 10.4 |
| -Arteries | 440-448 | 7 | 33. | 0.5 | 0.2 | 4.6 | 2 | 10. | 0.3 | 0.1 | 5.0 | 9 | 43. | 0.4 | 0.1 | 4.7 |
| **Respiratory** | 460-519 | 21 | 138. | 2.3 | 1.0 | 6.5 | 14 | 165. | 4.1 | 1.7 | 11.8 | 35 | 303. | 3.0 | 1.3 | 8.6 |
| -Pneu/Infl | 480-487 | 4 | 35. | 0.6 | 0.3 | 8.8 | 7 | 98. | 2.4 | 1.1 | 13.9 | 11 | 133. | 1.3 | 0.7 | 12.0 |
| -Chr. Lung | 491-2,496 | 17 | 103. | 1.7 | 0.7 | 6.0 | 5 | 18. | 0.4 | 0.1 | 3.5 | 22 | 120. | 1.2 | 0.4 | 5.5 |
| -Asthma | 493 | - | - | - | - | - | 1 | 38. | 0.9 | 0.4 | 37.5 | 1 | 38. | 0.4 | 0.2 | 37.5 |
| **Digestive** | 520-579 | 17 | 257. | 4.3 | 3.1 | 15.1 | 9 | 123. | 3.1 | 1.3 | 13.6 | 26 | 380. | 3.8 | 2.2 | 14.6 |
| -Chr.Liv/Cirr | 571 | 10 | 120. | 2.0 | 1.1 | 12.0 | 5 | 68. | 1.7 | 0.7 | 13.5 | 15 | 188. | 1.9 | 0.9 | 12.5 |
| **Cong. Anomaly** | 740-759 | 1 | 75. | 1.2 | 1.4 | 74.5 | 4 | 276. | 6.9 | 5.4 | 69.0 | 5 | 351. | 3.5 | 3.4 | 70.1 |
| **Perinatal** | 760-779 | 2 | 149. | 2.5 | 2.8 | 74.5 | 5 | 373. | 9.3 | 7.1 | 74.5 | 7 | 522. | 5.2 | 4.9 | 74.5 |
| **Ext. Causes** | E800-999 | 53 | 1902. | 31.7 | 30.6 | 35.9 | 15 | 537. | 13.5 | 8.7 | 35.8 | 68 | 2439. | 24.4 | 19.7 | 35.9 |
| -M.V.Tr.Acc | E810-819 | 24 | 990. | 16.5 | 16.2 | 41.2 | 4 | 165. | 4.1 | 2.7 | 41.3 | 28 | 1155. | 11.6 | 9.5 | 41.2 |
| -Poisoning | E850-869 | 1 | 38. | 0.6 | 0.4 | 37.5 | - | - | - | - | - | 1 | 38. | 0.4 | 0.2 | 37.5 |
| -Falls | E880-888 | 2 | 50. | 0.8 | 0.8 | 25.0 | 1 | 8. | 0.2 | - | 7.5 | 3 | 58. | 0.6 | 0.4 | 19.2 |
| -Suicide | E950-959 | 17 | 603. | 10.0 | 9.9 | 35.4 | 6 | 225. | 5.6 | 3.5 | 37.5 | 23 | 828. | 8.3 | 6.7 | 36.0 |
| All Other Causes | | 26 | 367. | 6.1 | 4.3 | 14.1 | 26 | 382. | 9.6 | 4.9 | 14.7 | 52 | 749. | 7.5 | 4.6 | 14.4 |
| **Total** | | 401 | 6004. | 100.0 | 74.1 | 15.0 | 264 | 3988. | 100.0 | 49.5 | 15.1 | 665 | 9991. | 100.0 | 61.6 | 15.0 |

NOTE: ( Standard Rates of PYLL /1,000 Population : Based on 1971 Canada Population from the Planning And Statistics Division, Ministry of Finance and Corporate Relations)

Totals listed at the bottom of table are based on all causes of death (001-E999) and are therefore not a simple summation of individual columns.

# Potential Years Of Life Lost By Health Unit, British Columbia, 1989
## ( For Age-Group : 0-75 )

**H.U. = 06 : South Central**

| Cause of Death | | Male | | | | | Female | | | | | Total | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL |
| **Inf/Paras. D** | 001-139 | 1 | 13. | 0.2 | 0.2 | 12.5 | - | - | - | - | - | 1 | 13. | 0.2 | 0.1 | 12.5 |
| -AIDS/HIV rl. | 042-044 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **Cancer** | 140-208 | 71 | 818. | 15.4 | 14.1 | 11.5 | 56 | 770. | 26.1 | 14.4 | 13.8 | 127 | 1588. | 19.2 | 14.3 | 12.5 |
| -Lung | 162 | 27 | 283. | 5.3 | 4.8 | 10.5 | 16 | 135. | 4.6 | 2.6 | 8.4 | 43 | 418. | 5.0 | 3.8 | 9.7 |
| -Fem. Breast | 174 | - | - | - | - | - | 13 | 218. | 7.4 | 4.0 | 16.7 | 13 | 218. | 2.6 | 1.9 | 16.7 |
| -Colorectal | 153-154 | 5 | 63. | 1.2 | 1.0 | 12.5 | 5 | 58. | 1.9 | 1.1 | 11.5 | 10 | 120. | 1.5 | 1.1 | 12.0 |
| -Cervical | 180 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| -Prostate | 185 | 9 | 48. | 0.9 | 0.8 | 5.3 | - | - | - | - | - | 9 | 48. | 0.6 | 0.4 | 5.3 |
| **End/Nut/Met.** | 240-279 | 3 | 102. | 1.9 | 2.0 | 34.0 | 2 | 15. | 0.5 | 0.3 | 7.5 | 5 | 117. | 1.4 | 1.2 | 23.4 |
| -Diabetes | 250 | 2 | 30. | 0.6 | 0.5 | 15.0 | 2 | 15. | 0.5 | 0.3 | 7.5 | 4 | 45. | 0.5 | 0.4 | 11.3 |
| **Circulatory** | 390-459 | 73 | 948. | 17.8 | 16.5 | 13.0 | 25 | 203. | 6.9 | 3.7 | 8.1 | 98 | 1150. | 13.9 | 10.4 | 11.7 |
| -Cor.Hi | 410-414,4292 | 50 | 635. | 11.9 | 11.1 | 12.7 | 11 | 68. | 2.3 | 1.3 | 6.1 | 61 | 703. | 8.5 | 6.4 | 11.5 |
| -C.V./St | 430-4,436-8 | 5 | 113. | 2.1 | 1.9 | 22.5 | 8 | 85. | 2.9 | 1.5 | 10.6 | 13 | 198. | 2.4 | 1.7 | 15.2 |
| -Arteries | 440-448 | 6 | 75. | 1.4 | 1.3 | 12.5 | 2 | 20. | 0.7 | 0.4 | 10.0 | 8 | 95. | 1.1 | 0.9 | 11.9 |
| **Respiratory** | 460-519 | 9 | 113. | 2.1 | 2.2 | 12.5 | 8 | 70. | 2.4 | 1.2 | 8.8 | 17 | 183. | 2.2 | 1.6 | 10.7 |
| -Pneu/Infl | 480-487 | 3 | 28. | 0.5 | 0.5 | 9.2 | 1 | 3. | 0.1 | - | 2.5 | 4 | 30. | 0.4 | 0.3 | 7.5 |
| -Chr. Lung | 491-2,496 | 5 | 38. | 0.7 | 0.7 | 7.5 | 3 | 13. | 0.4 | 0.2 | 4.2 | 8 | 50. | 0.6 | 0.5 | 6.3 |
| -Asthma | 493 | - | - | - | - | - | 3 | 53. | 1.8 | 0.8 | 17.5 | 3 | 53. | 0.6 | 0.4 | 17.5 |
| **Digestive** | 520-579 | 9 | 138. | 2.6 | 2.4 | 15.3 | 9 | 133. | 4.5 | 2.6 | 14.7 | 18 | 270. | 3.3 | 2.5 | 15.0 |
| -Chr.Liv/Cirr | 571 | 7 | 103. | 1.9 | 1.8 | 14.6 | 4 | 90. | 3.1 | 1.8 | 22.5 | 11 | 193. | 2.3 | 1.8 | 17.5 |
| **Cong. Anomaly** | 740-759 | 3 | 162. | 3.0 | 3.7 | 53.8 | 1 | 75. | 2.5 | 1.8 | 74.5 | 4 | 236. | 2.9 | 2.8 | 59.0 |
| **Perinatal** | 760-779 | 4 | 298. | 5.6 | 7.0 | 74.5 | 3 | 224. | 7.6 | 5.4 | 74.5 | 7 | 522. | 6.3 | 6.2 | 74.5 |
| **Ext. Causes** | E800-999 | 53 | 2262. | 42.5 | 47.1 | 42.7 | 28 | 1120. | 38.0 | 22.4 | 40.0 | 81 | 3382. | 40.9 | 34.9 | 41.7 |
| -M.V.Tr.Acc | E810-819 | 18 | 880. | 16.5 | 19.4 | 48.9 | 14 | 595. | 20.2 | 11.6 | 42.5 | 32 | 1475. | 17.8 | 15.6 | 46.1 |
| -Poisoning | E850-869 | 3 | 108. | 2.0 | 1.7 | 35.8 | - | - | - | - | - | 3 | 108. | 1.3 | 0.8 | 35.8 |
| -Falls | E880-888 | - | - | - | - | - | 3 | 128. | 4.3 | 2.8 | 42.5 | 3 | 128. | 1.5 | 1.4 | 42.5 |
| -Suicide | E950-959 | 13 | 478. | 9.0 | 9.0 | 36.7 | 7 | 273. | 9.2 | 5.3 | 38.9 | 20 | 750. | 9.1 | 7.1 | 37.5 |
| **All Other Causes** | | 18 | 472. | 8.9 | 9.4 | 26.2 | 14 | 342. | 11.6 | 7.8 | 24.4 | 32 | 814. | 9.8 | 8.6 | 25.4 |
| **Total** | | 244 | 5323. | 100.0 | 104.6 | 21.8 | 146 | 2950. | 100.0 | 59.5 | 20.2 | 390 | 8273. | 100.0 | 82.6 | 21.2 |

NOTE: ( Standard Rates of PYLL /1,000 Population : Based on 1971 Canada Population from the Planning And Statistics Division, Ministry of Finance and Corporate Relations)
Totals listed at the bottom of table are based on all causes of death (001-E999) and are therefore not a simple summation of individual columns.

Appendix 2

# Potential Years Of Life Lost By Health Unit, British Columbia, 1989
## ( For Age-Group : 0-75 )

**H.U. = 07 : Upper Fraser Valley**

| | | Male | | | | | Female | | | | | Total | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Cause of Death** | | **No. of Deaths** | **Total PYLL** | **% PYLL** | **STD Rate** | **Avg. PYLL** | **No. of Deaths** | **Total PYLL** | **% PYLL** | **STD Rate** | **Avg. PYLL** | **No. of Deaths** | **Total PYLL** | **% PYLL** | **STD Rate** | **Avg. PYLL** |
| **Inf/Paras. D** | 001-139 | 3 | 108. | 2.1 | 1.3 | 35.8 | 2 | 97. | 3.5 | 1.6 | 48.5 | 5 | 205. | 2.6 | 1.4 | 40.9 |
| -AIDS/HIV rl. | 042-044 | 3 | 108. | 2.1 | 1.3 | 35.8 | - | - | - | - | - | 3 | 108. | 1.4 | 0.7 | 35.8 |
| **Cancer** | 140-208 | 87 | 913. | 17.5 | 11.6 | 10.5 | 85 | 1102. | 40.3 | 14.5 | 13.0 | 172 | 2015. | 25.4 | 13.0 | 11.7 |
| -Lung | 162 | 36 | 395. | 7.6 | 5.0 | 11.0 | 24 | 305. | 11.1 | 3.9 | 12.7 | 60 | 700. | 8.8 | 4.4 | 11.7 |
| -Fem. Breast | 174 | - | - | - | - | - | 22 | 295. | 10.8 | 3.9 | 13.4 | 22 | 295. | 3.7 | 1.9 | 13.4 |
| -Colorectal | 153-154 | 8 | 105. | 2.0 | 1.5 | 13.1 | 6 | 65. | 2.4 | 1.0 | 10.8 | 14 | 170. | 2.1 | 1.3 | 12.1 |
| -Cervical | 180 | - | - | - | - | - | 1 | 8. | 0.3 | 0.1 | 7.5 | 1 | 8. | 0.1 | - | 7.5 |
| -Prostate | 185 | 8 | 40. | 0.8 | 0.4 | 5.0 | - | - | - | - | - | 8 | 40. | 0.5 | 0.2 | 5.0 |
| **End/Nut/Met.** | 240-279 | 6 | 85. | 1.6 | 1.0 | 14.2 | 3 | 23. | 0.8 | 0.2 | 7.5 | 9 | 108. | 1.4 | 0.6 | 11.9 |
| -Diabetes | 250 | 5 | 48. | 0.9 | 0.5 | 9.5 | 2 | 10. | 0.4 | 0.1 | 5.0 | 7 | 58. | 0.7 | 0.3 | 8.2 |
| **Circulatory** | 390-459 | 85 | 743. | 14.3 | 8.8 | 8.7 | 33 | 243. | 8.9 | 2.6 | 7.3 | 118 | 985. | 12.4 | 5.7 | 8.3 |
| -Cor.Ht | 410-414,4292 | 64 | 560. | 10.8 | 6.8 | 8.8 | 16 | 130. | 4.7 | 1.4 | 8.1 | 80 | 690. | 8.7 | 4.1 | 8.6 |
| -C.V./St | 430-4,436-8 | 13 | 123. | 2.4 | 1.3 | 9.4 | 11 | 78. | 2.8 | 0.9 | 7.0 | 24 | 200. | 2.5 | 1.1 | 8.3 |
| -Arteries | 440-448 | 4 | 10. | 0.2 | 0.1 | 2.5 | - | - | - | - | - | 4 | 10. | 0.1 | - | 2.5 |
| **Respiratory** | 460-519 | 16 | 105. | 2.0 | 1.1 | 6.6 | 8 | 105. | 3.8 | 1.5 | 13.1 | 24 | 210. | 2.6 | 1.3 | 8.7 |
| -Pneu/Infl | 480-487 | 5 | 38. | 0.7 | 0.5 | 7.5 | 1 | 72. | 2.6 | 1.2 | 72.0 | 6 | 110. | 1.4 | 0.8 | 18.3 |
| -Chr. Lung | 491-2,496 | 10 | 65. | 1.2 | 0.6 | 6.5 | 5 | 18. | 0.6 | 0.1 | 3.5 | 15 | 83. | 1.0 | 0.4 | 5.5 |
| -Asthma | 493 | - | - | - | - | - | 1 | 13. | 0.5 | 0.1 | 12.5 | 1 | 13. | 0.2 | 0.1 | 12.5 |
| **Digestive** | 520-579 | 8 | 105. | 2.0 | 1.3 | 13.1 | 5 | 120. | 4.4 | 1.8 | 23.9 | 13 | 225. | 2.8 | 1.5 | 17.3 |
| -Chr.Liv/Cirr | 571 | 6 | 85. | 1.6 | 1.1 | 14.2 | 1 | 3. | 0.1 | - | 2.5 | 7 | 88. | 1.1 | 0.6 | 12.5 |
| **Cong. Anomaly** | 740-759 | 3 | 155. | 3.0 | 2.7 | 51.5 | 1 | 8. | 0.3 | 0.1 | 7.5 | 4 | 162. | 2.0 | 1.4 | 40.5 |
| **Perinatal** | 760-779 | 3 | 224. | 4.3 | 3.6 | 74.5 | 1 | 75. | 2.7 | 1.2 | 74.5 | 4 | 298. | 3.8 | 2.4 | 74.5 |
| **Ext. Causes** | E800-999 | 42 | 1832. | 35.2 | 28.2 | 43.6 | 11 | 308. | 11.2 | 5.0 | 28.0 | 53 | 2140. | 26.9 | 16.7 | 40.4 |
| -M.V.Tr.Acc | E810-819 | 15 | 733. | 14.1 | 12.2 | 48.8 | 8 | 250. | 9.1 | 4.3 | 31.3 | 23 | 983. | 12.4 | 8.3 | 42.7 |
| -Poisoning | E850-869 | 3 | 98. | 1.9 | 1.2 | 32.5 | - | - | - | - | - | 3 | 98. | 1.2 | 0.6 | 32.5 |
| -Falls | E880-888 | 1 | 28. | 0.5 | 0.4 | 27.5 | - | - | - | - | - | 1 | 28. | 0.3 | 0.2 | 27.5 |
| -Suicide | E950-959 | 11 | 448. | 8.6 | 7.1 | 40.7 | 2 | 40. | 1.5 | 0.5 | 20.0 | 13 | 488. | 6.1 | 3.8 | 37.5 |
| **All Other Causes** | | 43 | 936. | 18.0 | 13.4 | 21.8 | 24 | 660. | 24.1 | 10.4 | 27.5 | 67 | 1596. | 20.1 | 11.8 | 23.8 |
| **Total** | | 296 | 5204. | 100.0 | 73.1 | 17.6 | 173 | 2737. | 100.0 | 38.8 | 15.8 | 469 | 7941. | 100.0 | 55.9 | 16.9 |

NOTE: ( Standard Rates of PYLL /1,000 Population : Based on 1971 Canada Population from the Planning And Statistics Division, Ministry of Finance and Corporate Relations)
Totals listed at the bottom of table are based on all causes of death (001-E999) and are therefore not a simple summation of individual columns.

## Potential Years Of Life Lost By Health Unit, British Columbia, 1989
## ( For Age-Group : 0-75 )

**H.U. = 08 : Central Fraser Valley**

| Cause of Death | | Male | | | | | Female | | | | | Total | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL |
| **Inf/Paras. D** | 001-139 | 4 | 130. | 2.0 | 1.3 | 32.5 | 2 | 75. | 2.3 | 1.3 | 37.5 | 6 | 205. | 2.1 | 1.3 | 34.2 |
| -AIDS/HIV rl. | 042-044 | 3 | 118. | 1.8 | 1.2 | 39.2 | - | - | - | - | - | 3 | 118. | 1.2 | 0.6 | 39.2 |
| **Cancer** | 140-208 | 99 | 1192. | 18.2 | 13.8 | 12.0 | 75 | 980. | 30.6 | 12.5 | 13.1 | 174 | 2172. | 22.3 | 13.2 | 12.5 |
| -Lung | 162 | 35 | 408. | 6.2 | 4.6 | 11.6 | 20 | 210. | 6.6 | 2.7 | 10.5 | 55 | 618. | 6.3 | 3.7 | 11.2 |
| -Fem. Breast | 174 | - | - | - | - | - | 15 | 228. | 7.1 | 2.8 | 15.2 | 15 | 228. | 2.3 | 1.3 | 15.2 |
| -Colorectal | 153-154 | 8 | 70. | 1.1 | 0.8 | 8.8 | 10 | 90. | 2.8 | 1.2 | 9.0 | 18 | 160. | 1.6 | 1.0 | 8.9 |
| -Cervical | 180 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| -Prostate | 185 | 10 | 70. | 1.1 | 0.8 | 7.0 | - | - | - | - | - | 10 | 70. | 0.7 | 0.4 | 7.0 |
| **End/Nut/Met.** | 240-279 | 6 | 40. | 0.6 | 0.5 | 6.7 | 6 | 122. | 3.8 | 1.6 | 20.3 | 12 | 162. | 1.7 | 1.0 | 13.5 |
| -Diabetes | 250 | 5 | 33. | 0.5 | 0.4 | 6.5 | 4 | 25. | 0.8 | 0.3 | 6.3 | 9 | 58. | 0.6 | 0.3 | 6.4 |
| **Circulatory** | 390-459 | 92 | 990. | 15.1 | 11.1 | 10.8 | 42 | 350. | 10.9 | 4.3 | 8.3 | 134 | 1340. | 13.8 | 7.8 | 10.0 |
| -Cor.Ht | 410-414,4292 | 57 | 558. | 8.5 | 6.2 | 9.8 | 22 | 205. | 6.4 | 2.7 | 9.3 | 79 | 763. | 7.8 | 4.5 | 9.7 |
| -C.V./St | 430-4,436-8 | 14 | 195. | 3.0 | 2.1 | 13.9 | 10 | 70. | 2.2 | 0.8 | 7.0 | 24 | 265. | 2.7 | 1.5 | 11.0 |
| -Arteries | 440-448 | 5 | 43. | 0.6 | 0.5 | 8.5 | 2 | 15. | 0.5 | 0.1 | 7.5 | 7 | 58. | 0.6 | 0.3 | 8.2 |
| **Respiratory** | 460-519 | 10 | 155. | 2.4 | 2.2 | 15.5 | 10 | 85. | 2.7 | 1.1 | 8.5 | 20 | 240. | 2.5 | 1.6 | 12.0 |
| -Pneu/Infl | 480-487 | 7 | 128. | 1.9 | 1.9 | 18.2 | 3 | 43. | 1.3 | 0.6 | 14.2 | 10 | 170. | 1.7 | 1.2 | 17.0 |
| -Chr. Lung | 491-2,496 | 2 | 20. | 0.3 | 0.2 | 10.0 | 7 | 43. | 1.3 | 0.5 | 6.1 | 9 | 63. | 0.6 | 0.4 | 6.9 |
| -Asthma | 493 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **Digestive** | 520-579 | 15 | 198. | 3.0 | 2.1 | 13.2 | 9 | 163. | 5.1 | 1.9 | 18.1 | 24 | 360. | 3.7 | 2.0 | 15.0 |
| -Chr.Liv/Cirr | 571 | 2 | 50. | 0.8 | 0.4 | 25.0 | 5 | 113. | 3.5 | 1.3 | 22.5 | 7 | 163. | 1.7 | 0.9 | 23.2 |
| **Cong. Anomaly** | 740-759 | 5 | 370. | 5.7 | 4.7 | 74.0 | 3 | 182. | 5.7 | 2.2 | 60.5 | 8 | 552. | 5.7 | 3.5 | 68.9 |
| **Perinatal** | 760-779 | 6 | 447. | 6.8 | 5.7 | 74.5 | 2 | 149. | 4.7 | 1.9 | 74.5 | 8 | 596. | 6.1 | 3.8 | 74.5 |
| **Ext.Causes** | E800-999 | 46 | 1847. | 28.2 | 25.2 | 40.1 | 17 | 647. | 20.2 | 8.4 | 38.0 | 63 | 2493. | 25.6 | 16.8 | 39.6 |
| -M.V.Tr.Acc | E810-819 | 18 | 797. | 12.2 | 11.4 | 44.3 | 10 | 434. | 13.6 | 5.6 | 43.4 | 28 | 1231. | 12.6 | 8.5 | 44.0 |
| -Poisoning | E850-869 | 3 | 133. | 2.0 | 1.3 | 44.2 | - | - | - | - | - | 3 | 133. | 1.4 | 0.6 | 44.2 |
| -Falls | E880-888 | 1 | 48. | 0.7 | 0.6 | 47.5 | - | - | - | - | - | 1 | 48. | 0.5 | 0.3 | 47.5 |
| -Suicide | E950-959 | 11 | 363. | 5.5 | 4.7 | 33.0 | 3 | 58. | 1.8 | 0.8 | 19.2 | 14 | 420. | 4.3 | 2.7 | 30.0 |
| **All Other Causes** | | 36 | 1179. | 18.0 | 14.9 | 32.7 | 21 | 448. | 14.0 | 5.6 | 21.3 | 57 | 1626. | 16.7 | 10.3 | 28.5 |
| **Total** | | 319 | 6547. | 100.0 | 81.4 | 20.5 | 187 | 3199. | 100.0 | 40.8 | 17.1 | 506 | 9745. | 100.0 | 61.3 | 19.3 |

NOTE: ( Standard Rates of PYLL /1,000 Population : Based on 1971 Canada Population from the Planning And Statistics Division, Ministry of Finance and Corporate Relations)
Totals listed at the bottom of table are based on all causes of death (001-E999) and are therefore not a simple summation of individua' columns.

Appendix 2

# Potential Years Of Life Lost By Health Unit, British Columbia, 1989
## ( For Age-Group : 0-75 )

**H.U. = 09 : Boundary**

| Cause of Death | | Male | | | | | Female | | | | | Total | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL |
| **Inf/Paras. D** | 001-139 | 12 | 395. | 3.8 | 1.9 | 32.9 | 3 | 18. | 0.3 | 0.1 | 5.8 | 15 | 413. | 2.5 | 1.0 | 27.5 |
| -AIDS/HIV rl. | 042-044 | 8 | 270. | 2.6 | 1.3 | 33.8 | - | - | - | - | - | 8 | 270. | 1.7 | 0.7 | 33.8 |
| **Cancer** | 140-208 | 198 | 2309. | 22.2 | 13.4 | 11.7 | 150 | 2327. | 39.1 | 13.6 | 15.5 | 348 | 4636. | 28.4 | 13.4 | 13.3 |
| -Lung | 162 | 73 | 808. | 7.8 | 4.6 | 11.1 | 30 | 370. | 6.2 | 2.2 | 12.3 | 103 | 1178. | 7.2 | 3.4 | 11.4 |
| -Fem. Breast | 174 | - | - | - | - | - | 30 | 495. | 8.3 | 2.8 | 16.5 | 30 | 495. | 3.0 | 1.4 | 16.5 |
| -Colorectal | 153-154 | 17 | 103. | 1.0 | 0.5 | 6.0 | 11 | 163. | 2.7 | 1.0 | 14.8 | 28 | 265. | 1.6 | 0.7 | 9.5 |
| -Cervical | 180 | - | - | - | - | - | 3 | 53. | 0.9 | 0.3 | 17.5 | 3 | 53. | 0.3 | 0.1 | 17.5 |
| -Prostate | 185 | 12 | 90. | 0.9 | 0.5 | 7.5 | - | - | - | - | - | 12 | 90. | 0.6 | 0.3 | 7.5 |
| **End/Nut/Met.** | 240-279 | 12 | 155. | 1.5 | 0.9 | 12.9 | 14 | 200. | 3.4 | 1.3 | 14.3 | 26 | 355. | 2.2 | 1.1 | 13.7 |
| -Diabetes | 250 | 10 | 100. | 1.0 | 0.6 | 10.0 | 9 | 103. | 1.7 | 0.6 | 11.4 | 19 | 203. | 1.2 | 0.6 | 10.7 |
| **Circulatory** | 390-459 | 202 | 2285. | 22.0 | 12.9 | 11.3 | 86 | 860. | 14.4 | 4.8 | 10.0 | 288 | 3145. | 19.3 | 8.8 | 10.9 |
| -Cor.Ht | 410-414,4292 | 139 | 1598. | 15.4 | 9.1 | 11.5 | 52 | 440. | 7.4 | 2.5 | 8.5 | 191 | 2038. | 12.5 | 5.8 | 10.7 |
| -C.V./St | 430-4,436-8 | 30 | 325. | 3.1 | 1.7 | 10.8 | 20 | 280. | 4.7 | 1.6 | 14.0 | 50 | 605. | 3.7 | 1.6 | 12.1 |
| -Arteries | 440-448 | 6 | 30. | 0.3 | 0.2 | 5.0 | 3 | 13. | 0.2 | 0.1 | 4.2 | 9 | 43. | 0.3 | 0.1 | 4.7 |
| **Respiratory** | 460-519 | 30 | 235. | 2.3 | 1.3 | 7.8 | 19 | 168. | 2.8 | 0.9 | 8.8 | 49 | 403. | 2.5 | 1.1 | 8.2 |
| -Pneu/Infl | 480-487 | 7 | 63. | 0.6 | 0.4 | 8.9 | 3 | 8. | 0.1 | - | 2.5 | 10 | 70. | 0.4 | 0.2 | 7.0 |
| -Chr. Lung | 491-2,496 | 15 | 88. | 0.8 | 0.5 | 5.8 | 12 | 80. | 1.3 | 0.5 | 6.7 | 27 | 168. | 1.0 | 0.5 | 6.2 |
| -Asthma | 493 | 6 | 65. | 0.6 | 0.4 | 10.8 | 2 | 65. | 1.1 | 0.3 | 32.5 | 8 | 130. | 0.8 | 0.3 | 16.3 |
| **Digestive** | 520-579 | 21 | 328. | 3.2 | 1.8 | 15.6 | 9 | 98. | 1.6 | 0.6 | 10.8 | 30 | 425. | 2.6 | 1.2 | 14.2 |
| -Chr.Liv/Cirr | 571 | 12 | 255. | 2.5 | 1.4 | 21.3 | 3 | 38. | 0.6 | 0.2 | 12 5 | 15 | 293. | 1.8 | 0.8 | 19.5 |
| **Cong. Anomaly** | 740-759 | 4 | 251. | 2.4 | 1.7 | 62.8 | 3 | 224. | 3.8 | 1.6 | 74.5 | 7 | 475. | 2.9 | 1.7 | 67.8 |
| **Perinatal** | 760-779 | 5 | 373. | 3.6 | 2.6 | 74.5 | 4 | 298. | 5.0 | 2.1 | 74.5 | 9 | 671. | 4.1 | 2.4 | 74.5 |
| **Ext.Causes** | E800-999 | 70 | 2906. | 28.0 | 20.1 | 41.5 | 26 | 949. | 15.9 | 6.9 | 36.5 | 96 | 3855. | 23.6 | 13.5 | 40.2 |
| M.V.Tr.Acc | E810-819 | 35 | 1639. | 15.8 | 12.0 | 46 8 | 12 | 430. | 7.2 | 3.1 | 35.8 | 47 | 2069. | 12.7 | 7.6 | 44.0 |
| -Poisoning | E850-869 | - | - | - | - | - | 1 | 53. | 0.9 | 0.5 | 52.5 | 1 | 53. | 0.3 | 0.2 | 52.5 |
| Falls | E880-888 | 4 | 75. | 0.7 | 0.4 | 18.8 | 1 | 53. | 0.9 | 0.5 | 52.5 | 5 | 128. | 0.8 | 0.4 | 25.5 |
| -Suicide | E950-959 | 17 | 673. | 6.5 | 4.2 | 39.6 | 4 | 125. | 2.1 | 0.7 | 31.3 | 21 | 798. | 4.9 | 2.4 | 38.0 |
| **All Other Causes** | | 42 | 1146. | 11.0 | 7.5 | 27.3 | 31 | 813. | 13.7 | 5.4 | 26.2 | 73 | 1959. | 12.0 | 6.5 | 26.8 |
| **Total** | | 596 | 10382. | 100.0 | 64.2 | 17.4 | 345 | 5953. | 100.0 | 37.3 | 17.3 | 941 | 16335. | 100.0 | 50.7 | 17.4 |

NOTE: ( Standard Rates of PYLL /1,000 Population : Based on 1971 Canada Population from the Planning And Statistics Division, Ministry of Finance and Corporate Relations)
Totals listed at the bottom of table are based on all causes of death (001-E999) and are therefore not a simple summation of individual columns.

## Potential Years Of Life Lost By Health Unit, British Columbia, 1989
## ( For Age-Group : 0-75 )

**H.U. = 10 : Simon Fraser**

| Cause of Death | | Male | | | | | Female | | | | | Total | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL |
| **Inf/Paras. D** | 001-139 | 8 | 260. | 4.0 | 2.4 | 32.5 | 2 | 45. | 1.0 | 0.3 | 22.5 | 10 | 305. | 2.7 | 1.4 | 30.5 |
| -AIDS/HIV rl. | 042-044 | 6 | 205. | 3.2 | 1.9 | 34.2 | 1 | 43. | 0.9 | 0.3 | 42.5 | 7 | 248. | 2.2 | 1.1 | 35.4 |
| **Cancer** | 140-208 | 102 | 1330. | 20.5 | 14.3 | 13.0 | 98 | 1440. | 31.2 | 16.2 | 14.7 | 200 | 2770. | 24.9 | 15.2 | 13.8 |
| -Lung | 162 | 33 | 347. | 5.3 | 3.8 | 10.4 | 19 | 303. | 6.5 | 3.4 | 15.9 | 52 | 645. | 5.8 | 3.5 | 12.4 |
| -Fem. Breast | 174 | - | - | - | - | - | 17 | 243. | 5.2 | 2.7 | 14.3 | 17 | 243. | 2.2 | 1.3 | 14.3 |
| -Colorectal | 153-154 | 9 | 93. | 1.4 | 1.0 | 10.3 | 10 | 75. | 1.6 | 0.8 | 7.5 | 19 | 168. | 1.5 | 0.9 | 8.8 |
| -Cervical | 180 | - | - | - | - | - | 1 | 33. | 0.7 | 0.3 | 32.5 | 1 | 33. | 0.3 | 0.1 | 32.5 |
| -Prostate | 185 | 6 | 50. | 0.8 | 0.5 | 8.3 | - | - | - | - | - | 6 | 50. | 0.4 | 0.3 | 8.3 |
| **End/Nut/Met.** | 240-279 | 7 | 138. | 2.1 | 1.4 | 19.6 | 7 | 53. | 1.1 | 0.5 | 7.5 | 14 | 190. | 1.7 | 1.0 | 13.6 |
| -Diabetes | 250 | 5 | 93. | 1.4 | 1.0 | 18.5 | 7 | 53. | 1.1 | 0.5 | 7.5 | 12 | 145. | 1.3 | 0.8 | 12.1 |
| **Circulatory** | 390-459 | 103 | 1188. | 18.3 | 12.4 | 11.5 | 57 | 553. | 12.0 | 5.7 | 9.7 | 160 | 1740. | 15.7 | 9.1 | 10.9 |
| -Cor.Ht | 410-414,4292 | 71 | 773. | 11.9 | 8.3 | 10.9 | 34 | 335. | 7.3 | 3.5 | 9.9 | 105 | 1108. | 10.0 | 5.9 | 10.5 |
| -C.V./St | 430-4,436-8 | 12 | 175. | 2.7 | 1.6 | 14.6 | 15 | 158. | 3.4 | 1.5 | 10.5 | 27 | 333. | 3.0 | 1.6 | 12.3 |
| -Arteries | 440-448 | 6 | 40. | 0.6 | 0.4 | 6.7 | 3 | 23. | 0.5 | 0.2 | 7.5 | 9 | 63. | 0.6 | 0.3 | 6.9 |
| **Respiratory** | 460-519 | 25 | 248. | 3.8 | 2.6 | 9.9 | 15 | 267. | 5.8 | 3.2 | 17.8 | 40 | 515. | 4.6 | 2.9 | 12.9 |
| -Pneu/Infl | 480-487 | 12 | 155. | 2.4 | 1.6 | 12.9 | 3 | 108. | 2.3 | 1.2 | 35.8 | 15 | 263. | 2.4 | 1.4 | 17.5 |
| -Chr. Lung | 491-2,496 | 9 | 43. | 0.7 | 0.5 | 4.7 | 8 | 45. | 1.0 | 0.5 | 5.6 | 17 | 88. | 0.8 | 0.5 | 5.1 |
| -Asthma | 493 | - | - | - | - | - | 2 | 25. | 0.5 | 0.3 | 12.5 | 2 | 25. | 0.2 | 0.1 | 12.5 |
| **Digestive** | 520-579 | 13 | 228. | 3.5 | 2.3 | 17.5 | 15 | 218. | 4.7 | 2.2 | 14.5 | 28 | 445. | 4.0 | 2.3 | 15.9 |
| -Chr.Liv/Cirr | 571 | 8 | 130. | 2.0 | 1.4 | 16.3 | 4 | 35. | 0.8 | 0.4 | 8.8 | 12 | 165. | 1.5 | 0.9 | 13.8 |
| **Cong. Anomaly** | 740-759 | 3 | 155. | 2.4 | 1.6 | 51.5 | 4 | 157. | 3.4 | 2.1 | 39.1 | 7 | 311. | 2.8 | 1.9 | 44.4 |
| **Perinatal** | 760-779 | 4 | 298. | 4.6 | 3.9 | 74.5 | 7 | 522. | 11.3 | 6.9 | 74.5 | 11 | 820. | 7.4 | 5.4 | 74.5 |
| **Ext.Causes** | E800-999 | 47 | 1837. | 28.3 | 21.8 | 39.1 | 19 | 702. | 15.2 | 7.6 | 36.9 | 66 | 2539. | 22.8 | 14.8 | 38.5 |
| -M.V.Tr.Acc | E810-819 | 15 | 717. | 11.0 | 10.0 | 47.8 | 8 | 350. | 7.6 | 3.9 | 43.7 | 23 | 1067. | 9.6 | 7.1 | 46.4 |
| -Poisoning | E850-869 | 3 | 88. | 1.3 | 0.9 | 29.2 | 3 | 93. | 2.0 | 0.9 | 30.8 | 6 | 180. | 1.6 | 0.9 | 30.0 |
| -Falls | E880-888 | 4 | 85. | 1.3 | 1.3 | 21.3 | - | - | - | - | - | 4 | 85. | 0.8 | 0.7 | 21.3 |
| -Suicide | E950-959 | 12 | 515. | 7.9 | 5.6 | 42.9 | 6 | 210. | 4.5 | 2.4 | 35.0 | 18 | 725. | 6.5 | 4.0 | 40.3 |
| **All Other Causes** | | 27 | 814. | 12.5 | 8.7 | 30.1 | 23 | 666. | 14.4 | 7.6 | 28.9 | 50 | 1480. | 13.3 | 8.1 | 29.6 |
| **Total** | | 339 | 6494. | 100.0 | 71.4 | 19.2 | 247 | 4620. | 100.0 | 52.4 | 18.7 | 586 | 11114. | 100.0 | 62.0 | 19.0 |

NOTE: ( Standard Rates of PYLL /1,000 Population : Based on 1971 Canada Population from the Planning And Statistics Division, Ministry of Finance and Corporate Relations)
Totals listed at the bottom of table are based on all causes of death (001-E999) and are therefore not a simple summation of individual columns.

Appendix 2

# Potential Years Of Life Lost By Health Unit, British Columbia, 1989
## ( For Age-Group : 0-75 )

**H.U. = 11 : Coast Garibaldi**

| Cause of Death | | Male | | | | | Female | | | | | Total | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL |
| **Inf/Paras. D** | 001-139 | 1 | 43. | 1.7 | 1.3 | 42.5 | 2 | 10. | 1.0 | 0.2 | 5.0 | 3 | 53. | 1.5 | 0.7 | 17.5 |
| -AIDS/HIV rl. | 042-044 | 1 | 43. | 1.7 | 1.3 | 42.5 | - | - | - | - | - | 1 | 43. | 1.2 | 0.6 | 42.5 |
| **Cancer** | 140-208 | 36 | 480. | 19.6 | 14.7 | 13.3 | 30 | 425. | 41.5 | 15.5 | 14.2 | 66 | 905. | 26.0 | 15.1 | 13.7 |
| -Lung | 162 | 11 | 153. | 6.2 | 4.7 | 13.9 | 10 | 115. | 11.2 | 3.9 | 11.5 | 21 | 268. | 7.7 | 4.3 | 12.7 |
| -Fem.Breast | 174 | - | - | - | - | - | 6 | 135. | 13.2 | 5.3 | 22.5 | 6 | 135. | 3.9 | 2.6 | 22.5 |
| -Colorectal | 153-154 | 2 | 40. | 1.6 | 1.4 | 20.0 | 1 | 8. | 0.7 | 0.2 | 7.5 | 3 | 48. | 1.4 | 0.8 | 15.8 |
| -Cervical | 180 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| -Prostate | 185 | 3 | 13. | 0.5 | 0.3 | 4.2 | - | - | - | - | - | 3 | 13. | 0.4 | 0.1 | 4.2 |
| **End/Nut/Met.** | 240-279 | 1 | 38. | 1.5 | 1.0 | 37.5 | - | - | - | - | - | 1 | 38. | 1.1 | 0.5 | 37.5 |
| -Diabetes | 250 | 1 | 38. | 1.5 | 1.0 | 37.5 | - | - | - | - | - | 1 | 38. | 1.1 | 0.5 | 37.5 |
| **Circulatory** | 390-459 | 42 | 405. | 16.5 | 12.3 | 9.6 | 20 | 250. | 24.4 | 7.2 | 12.5 | 62 | 655. | 18.8 | 10.0 | 10.6 |
| -Cor.Ht | 410-414,4292 | 32 | 295. | 12.0 | 8.9 | 9.2 | 9 | 98. | 9.5 | 2.7 | 10.8 | 41 | 393. | 11.3 | 6.0 | 9.6 |
| -C.V./St | 430-4,436-8 | 4 | 30. | 1.2 | 0.8 | 7.5 | 4 | 80. | 7.8 | 2.5 | 20.0 | 8 | 110. | 3.2 | 1.6 | 13.8 |
| -Arteries | 440-448 | 3 | 18. | 0.7 | 0.5 | 5.8 | 4 | 15. | 1.5 | 0.4 | 3.8 | 7 | 33. | 0.9 | 0.4 | 4.6 |
| **Respiratory** | 460-519 | 3 | 48. | 1.9 | 1.4 | 15.8 | 1 | 8. | 0.7 | 0.2 | 7.5 | 4 | 55. | 1.6 | 0.8 | 13.8 |
| -Pneu/Infl | 480-487 | 1 | 3. | 0.1 | 0.1 | 2.5 | - | - | - | - | - | 1 | 3. | 0.1 | - | 2.5 |
| -Chr. Lung | 491-2,496 | 1 | 3. | 0.1 | 0.1 | 2.5 | 1 | 8. | 0.7 | 0.2 | 7.5 | 2 | 10. | 0.3 | 0.1 | 5.0 |
| -Asthma | 493 | 1 | 43. | 1.7 | 1.3 | 42.5 | - | - | - | - | - | 1 | 43. | 1.2 | 0.6 | 42.5 |
| **Digestive** | 520-579 | 4 | 35. | 1.4 | 1.1 | 8.8 | 4 | 30. | 2.9 | 1.0 | 7.5 | 8 | 65. | 1.9 | 1.1 | 8.1 |
| -Chr.Liv/Cirr | 571 | 2 | 5. | 0.2 | 0.1 | 2.5 | 1 | 18. | 1.7 | 0.7 | 17.5 | 3 | 23. | 0.6 | 0.4 | 7.5 |
| **Cong. Anomaly** | 740-759 | 1 | 72. | 2.9 | 3.2 | 72.0 | 3 | 224. | 21.8 | 9.6 | 74.5 | 4 | 296. | 8.5 | 6.4 | 73.9 |
| **Perinatal** | 760-779 | 2 | 149. | 6.1 | 6.3 | 74.5 | 1 | 75. | 7.3 | 3.2 | 74.5 | 3 | 224. | 6.4 | 4.8 | 74.5 |
| **Ext.Causes** | E800-999 | 20 | 905. | 36.8 | 37.5 | 45.2 | - | - | - | - | - | 20 | 905. | 26.0 | 19.0 | 45.2 |
| -M.V.Tr.Acc | E810-819 | 4 | 110. | 4.5 | 3.2 | 27.5 | - | - | - | - | - | 4 | 110. | 3.2 | 1.6 | 27.5 |
| -Poisoning | E850-869 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| -Falls | E880-888 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| -Suicide | E950-959 | 8 | 400. | 16.3 | 17.9 | 50.0 | - | - | - | - | - | 8 | 400. | 11.5 | 9.1 | 50.0 |
| **All Other Causes** | | 12 | 282. | 11.5 | 9.6 | 23.5 | 1 | 3. | 0.2 | 0.1 | 2.5 | 13 | 285. | 8.2 | 4.9 | 21.9 |
| **Total** | | 122 | 2455. | 100.0 | 88.4 | 20.1 | 62 | 1023. | 100.0 | 37.0 | 16.5 | 184 | 3478. | 100.0 | 63.2 | 18.9 |

NOTE: ( Standard Rates of PYLL /1,000 Population : Based on 1971 Canada Population from the Planning And Statistics Division, Ministry of Finance and Corporate Relations)
Totals listed at the bottom of table are based on all causes of death (001-E999) and are therefore not a simple summation of individual columns.

## Potential Years Of Life Lost By Health Unit, British Columbia, 1989
## ( For Age-Group : 0-75 )

**H.U. = 13 : Central Vancouver Island**

| | | Male | | | | | Female | | | | | Total | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Cause of Death** | | **No. of Deaths** | **Total PYLL** | **% PYLL** | **STD Rate** | **Avg. PYLL** | **No. of Deaths** | **Total PYLL** | **% PYLL** | **STD Rate** | **Avg. PYLL** | **No. of Deaths** | **Total PYLL** | **% PYLL** | **STD Rate** | **Avg. PYLL** |
| **Inf/Paras. D** | 001-139 | 5 | 108. | 1.4 | 1.1 | 21.5 | - | - | - | - | - | 5 | 108. | 0.8 | 0.5 | 21.5 |
| -AIDS/HIV rl. | 042-044 | 3 | 83. | 1.0 | 0.8 | 27.5 | - | - | - | - | - | 3 | 83. | 0.7 | 0.4 | 27.5 |
| **Cancer** | 140-208 | 142 | 1555. | 19.6 | 13.9 | 11.0 | 132 | 1735. | 36.8 | 16.8 | 13.1 | 274 | 3290. | 26.0 | 15.3 | 12.0 |
| -Lung | 162 | 49 | 448. | 5.6 | 3.8 | 9.1 | 31 | 353. | 7.5 | 3.4 | 11.4 | 80 | 800. | 6.3 | 3.6 | 10.0 |
| -Fem.Breast | 174 | - | - | - | - | - | 30 | 465. | 9.9 | 4.5 | 15.5 | 30 | 465. | 3.7 | 2.2 | 15.5 |
| -Colorectal | 153-154 | 14 | 150. | 1.9 | 1.4 | 10.7 | 6 | 100. | 2.1 | 1.1 | 16.7 | 20 | 250. | 2.0 | 1.3 | 12.5 |
| -Cervical | 180 | - | - | - | - | - | 3 | 88. | 1.9 | 1.0 | 29.2 | 3 | 88. | 0.7 | 0.5 | 29.2 |
| -Prostate | 185 | 12 | 70. | 0.9 | 0.4 | 5.8 | - | - | - | - | - | 12 | 70. | 0.6 | 0.2 | 5.8 |
| **End/Nut/Met.** | 240-279 | 9 | 118. | 1.5 | 1.2 | 13.1 | 9 | 150. | 3.2 | 1.8 | 16.6 | 18 | 267. | 2.1 | 1.5 | 14.8 |
| -Diabetes | 250 | 7 | 78. | 1.0 | 0.8 | 11.1 | 5 | 58. | 1.2 | 0.6 | 11.5 | 12 | 135. | 1.1 | 0.7 | 11.3 |
| **Circulatory** | 390-459 | 137 | 1283. | 16.1 | 10.9 | 9.4 | 87 | 713. | 15.1 | 6.2 | 8.2 | 224 | 1995. | 15.8 | 8.6 | 8.9 |
| -Cor.Ht | 410-414,4292 | 90 | 905. | 11.4 | 7.7 | 10.1 | 53 | 368. | 7.8 | 3.0 | 6.9 | 143 | 1273. | 10.0 | 5.3 | 8.9 |
| -C.V./St | 430-4,436-8 | 18 | 160. | 2.0 | 1.4 | 8.9 | 18 | 210. | 4.5 | 1.9 | 11.7 | 36 | 370. | 2.9 | 1.7 | 10.3 |
| -Arteries | 440-448 | 11 | 53. | 0.7 | 0.3 | 4.8 | 7 | 38. | 0.8 | 0.3 | 5.4 | 18 | 90. | 0.7 | 0.3 | 5.0 |
| **Respiratory** | 460-519 | 24 | 287. | 3.6 | 3.0 | 12.0 | 18 | 232. | 4.9 | 2.6 | 12.9 | 42 | 519. | 4.1 | 2.8 | 12.4 |
| -Pneu/Infl | 480-487 | 9 | 170. | 2.1 | 2.1 | 18.8 | 6 | 122. | 2.6 | 1.6 | 20.3 | 15 | 292. | 2.3 | 1.8 | 19.4 |
| -Chr Lung | 491-2,496 | 11 | 88. | 1.1 | 0.7 | 8.0 | 7 | 63. | 1.3 | 0.5 | 8.9 | 18 | 150. | 1.2 | 0.6 | 8.3 |
| -Asthma | 493 | 3 | 23 | 0.3 | 0.2 | 7.5 | - | - | - | - | - | 3 | 23. | 0.2 | 0.1 | 7.5 |
| **Digestive** | 520-579 | 14 | 215. | 2.7 | 2.2 | 15.4 | 11 | 98. | 2.1 | 0.9 | 8.9 | 25 | 313. | 2.5 | 1.6 | 12.5 |
| -Chr.Liv/Cirr | 571 | 8 | 150. | 1.9 | 1.7 | 18.8 | 6 | 65. | 1.4 | 0.6 | 10.8 | 14 | 215. | 1.7 | 1.1 | 15.4 |
| **Cong. Anomaly** | 740-759 | 4 | 296. | 3.7 | 4.5 | 73.9 | 3 | 157. | 3.3 | 2.4 | 52.2 | 7 | 452. | 3.6 | 3.4 | 64.6 |
| **Perinatal** | 760-779 | 4 | 298. | 3.7 | 4.6 | 74.5 | 3 | 224. | 4.7 | 3.5 | 74.5 | 7 | 522. | 4.1 | 4.0 | 74.5 |
| **Ext.Causes** | E800-999 | 75 | 2678. | 33.7 | 36.5 | 35.7 | 23 | 827. | 17.5 | 11.8 | 35.9 | 98 | 3504. | 27.7 | 24.3 | 35.8 |
| -M.V.Tr.Acc | E810-819 | 20 | 785. | 9.9 | 10.9 | 39.3 | 8 | 395. | 8.4 | 6.2 | 49.4 | 28 | 1180. | 9.3 | 8.6 | 42.1 |
| -Poisoning | E850-869 | 3 | 123. | 1.5 | 1.7 | 40.8 | 1 | 3. | 0.1 | - | 2.5 | 4 | 125. | 1.0 | 0.8 | 31.3 |
| -Falls | E880-888 | 1 | 18. | 0.2 | 0.2 | 17.5 | 1 | 3. | 0.1 | - | 2.5 | 2 | 20. | 0.2 | 0.1 | 10.0 |
| -Suicide | E950-959 | 21 | 708. | 8.9 | 9.6 | 33.7 | 8 | 210. | 4.5 | 2.5 | 26.3 | 29 | 918. | 7.2 | 6.1 | 31.6 |
| **All Other Causes** | | 46 | 1112. | 14.0 | 14.1 | 24.2 | 30 | 584. | 12.4 | 7.1 | 19.5 | 76 | 1696. | 13.4 | 10.6 | 22.3 |
| **Total** | | 460 | 7947. | 100.0 | 92.0 | 17.3 | 316 | 4717. | 100.0 | 53.0 | 14.9 | 776 | 12664. | 100.0 | 72.7 | 16.3 |

NOTE: ( Standard Rates of PYLL /1,000 Population : Based on 1971 Canada Population from the Planning And Statistics Division, Ministry of Finance and Corporate Relations)
Totals listed at the bottom of table are based on all causes of death (001-E999) and are therefore not a simple summation of individual columns.

Appendix 2

# Potential Years Of Life Lost By Health Unit, British Columbia, 1989
## ( For Age-Group : 0-75 )

**H.U. = 14 : Upper Island**

| Cause of Death | | Male | | | | | Female | | | | | Total | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL |
| **Inf/Paras. D** | 001-139 | 1 | 72. | 1.6 | 1.7 | 72.0 | - | - | - | - | - | 1 | 72. | 1.1 | 0.9 | 72.0 |
| -AIDS/HIV rl. | 042-044 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **Cancer** | 140-208 | 60 | 740. | 16.5 | 15.5 | 12.3 | 38 | 500. | 23.4 | 10.3 | 13.2 | 98 | 1240. | 18.7 | 13.0 | 12.7 |
| -Lung | 162 | 22 | 225. | 5.0 | 4.4 | 10.2 | 4 | 50. | 2.3 | 1.1 | 12.5 | 26 | 275. | 4.1 | 2.8 | 10.6 |
| -Fem. Breast | 174 | - | - | - | - | - | 9 | 198. | 9.2 | 3.9 | 21.9 | 9 | 198. | 3.0 | 1.9 | 21.9 |
| -Colorectal | 153-154 | 4 | 45. | 1.0 | 0.9 | 11.3 | 2 | 10. | 0.5 | 0.2 | 5.0 | 6 | 55. | 0.8 | 0.6 | 9.2 |
| -Cervical | 180 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| -Prostate | 185 | 5 | 48. | 1.1 | 0.9 | 9.5 | - | - | - | - | - | 5 | 48. | 0.7 | 0.5 | 9.5 |
| **End/Nut/Met.** | 240-279 | 2 | 87. | 1.9 | 2.2 | 43.5 | 1 | 3. | 0.1 | 0.1 | 2.5 | 3 | 90. | 1.4 | 1.1 | 29.8 |
| -Diabetes | 250 | - | - | - | - | - | 1 | 3. | 0.1 | 0.1 | 2.5 | 1 | 3. | - | - | 2.5 |
| **Circulatory** | 390-459 | 62 | 755. | 16.8 | 14.4 | 12.2 | 30 | 317. | 14.8 | 7.3 | 10.6 | 92 | 1072. | 16.2 | 11.0 | 11.7 |
| -Cor.Ht | 410-414,4292 | 44 | 540. | 12.0 | 10.4 | 12.3 | 15 | 98. | 4.6 | 2.1 | 6.5 | 59 | 638. | 9.6 | 6.5 | 10.8 |
| -C.V./St | 430-4,436-8 | 9 | 98. | 2.2 | 2.0 | 10.8 | 4 | 45. | 2.1 | 1.0 | 11.3 | 13 | 143. | 2.1 | 1.5 | 11.0 |
| -Arteries | 440-448 | 3 | 23. | 0.5 | 0.4 | 7.5 | 1 | 8. | 0.4 | 0.1 | 7.5 | 4 | 30. | 0.5 | 0.3 | 7.5 |
| **Respiratory** | 460-519 | 7 | 118. | 2.6 | 2.4 | 16.8 | 5 | 100. | 4.6 | 2.4 | 19.9 | 12 | 217. | 3.3 | 2.5 | 18.1 |
| -Pneu/Infl | 480-487 | 2 | 15. | 0.3 | 0.3 | 7.5 | 1 | 75. | 3.5 | 1.9 | 74.5 | 3 | 90. | 1.4 | 1.1 | 29.8 |
| -Chr. Lung | 491-2,496 | 2 | 10. | 0.2 | 0.2 | 5.0 | 3 | 18. | 0.8 | 0.4 | 5.8 | 5 | 28. | 0.4 | 0.3 | 5.5 |
| -Asthma | 493 | 1 | 18. | 0.4 | 0.4 | 17.5 | - | - | - | - | - | 1 | 18. | 0.3 | 0.2 | 17.5 |
| **Digestive** | 520-579 | 4 | 85. | 1.9 | 1.6 | 21.3 | 6 | 40. | 1.9 | 0.8 | 6.7 | 10 | 125. | 1.9 | 1.2 | 12.5 |
| -Chr.Liv/Cirr | 571 | 2 | 40. | 0.9 | 0.8 | 20.0 | 2 | 20. | 0.9 | 0.4 | 10.0 | 4 | 60. | 0.9 | 0.6 | 15.0 |
| **Cong. Anomaly** | 740-759 | - | - | - | - | - | 5 | 351. | 16.4 | 9.5 | 70.1 | 5 | 351. | 5.3 | 4.7 | 70.1 |
| **Perinatal** | 760-779 | 4 | 298. | 6.6 | 7.7 | 74.5 | 1 | 75. | 3.5 | 1.9 | 74.5 | 5 | 373. | 5.6 | 4.8 | 74.5 |
| **Ext.Causes** | E800-999 | 43 | 1693. | 37.7 | 36.3 | 39.4 | 14 | 495. | 23.1 | 12.2 | 35.3 | 57 | 2187. | 33.0 | 24.6 | 38.4 |
| -M.V.Tr.Acc | E810-819 | 13 | 553. | 12.3 | 12.8 | 42.5 | 5 | 163. | 7.6 | 3.8 | 32.5 | 18 | 715. | 10.8 | 8.6 | 39.7 |
| -Poisoning | E850-869 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| -Falls | E880-888 | 3 | 78. | 1.7 | 2.1 | 25.8 | - | - | - | - | - | 3 | 78. | 1.2 | 1.1 | 25.8 |
| -Suicide | E950-959 | 9 | 323. | 7.2 | 6.1 | 35.8 | 2 | 55. | 2.6 | 1.9 | 27.5 | 11 | 378. | 5.7 | 4.0 | 34.3 |
| **All Other Causes** | | 19 | 642. | 14.3 | 12.9 | 33.8 | 12 | 262. | 12.2 | 5.3 | 21.8 | 31 | 904. | 13.6 | 9.2 | 29.1 |
| **Total** | | 202 | 4489. | 100.0 | 94.6 | 22.2 | 112 | 2141. | 100.0 | 49.7 | 19.1 | 314 | 6629. | 100.0 | 72.9 | 21.1 |

NOTE: ( Standard Rates of PYLL /1,000 Population : Based on 1971 Canada Population from the Planning And Statistics Division, Ministry of Finance and Corporate Relations)
Totals listed at the bottom of table are based on all causes of death (001-E999) and are therefore not a simple summation of individual columns.

# Potential Years Of Life Lost By Health Unit, British Columbia, 1989
## ( For Age-Group : 0-75 )

**H.U. = 15 : Cariboo**

| Cause of Death | | Male | | | | | Female | | | | | Total | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL |
| **Inf/Paras. D** | 001-139 | - | - | - | - | - | 1 | 13. | 0.6 | 0.4 | 12.5 | 1 | 13. | 0.2 | 0.2 | 12.5 |
| -AIDS/HIV rl. | 042-044 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **Cancer** | 140-208 | 29 | 398. | 9.5 | 11.7 | 13.7 | 36 | 585. | 27.4 | 18.9 | 16.3 | 65 | 983. | 15.5 | 15.1 | 15.1 |
| -Lung | 162 | 13 | 163. | 3.9 | 4.7 | 12.5 | 8 | 75. | 3.5 | 2.7 | 9.4 | 21 | 238. | 3.8 | 3.7 | 11.3 |
| -Fem. Breast | 174 | - | - | - | - | - | 6 | 130. | 6.1 | 4.0 | 21.7 | 6 | 130. | 2.1 | 1.9 | 21.7 |
| -Colorectal | 153-154 | 2 | 25. | 0.6 | 0.7 | 12.5 | 4 | 40. | 1.9 | 1.4 | 10.0 | 6 | 65. | 1.0 | 1.0 | 10.8 |
| -Cervical | 180 | - | - | - | - | - | 4 | 80. | 3.7 | 2.4 | 20.0 | 4 | 80. | 1.3 | 1.2 | 20.0 |
| -Prostate | 185 | 4 | 20. | 0.5 | 0.6 | 5.0 | - | - | - | - | - | 4 | 2.. | 0.3 | 0.3 | 5.0 |
| **End/Nut/Met.** | 240-279 | 2 | 25. | 0.6 | 0.8 | 12.5 | 4 | 40. | 1.9 | 1.4 | 10.0 | 6 | 65. | 1.0 | 1.1 | 10.8 |
| -Diabetes | 250 | 1 | 3. | 0.1 | 0.1 | 2.5 | 4 | 40. | 1.9 | 1.4 | 10.0 | 5 | 43. | 0.7 | 0.7 | 8.5 |
| **Circulatory** | 390-459 | 47 | 558. | 13.3 | 16.9 | 11.9 | 15 | 253. | 11.8 | 9.0 | 16.8 | 62 | 810. | 12.8 | 13.4 | 13.1 |
| -Cor.Ht | 410-414,4292 | 32 | 375. | 9.0 | 11.5 | 11.7 | 8 | 90. | 4.2 | 2.9 | 11.3 | 40 | 465. | 7.4 | 7.6 | 11.6 |
| -C.V./St | 430-4,436-8 | 7 | 58. | 1.4 | 1.8 | 8.2 | 4 | 95. | 4.5 | 3.4 | 23.8 | 11 | 153. | 2.4 | 2.6 | 13.9 |
| -Arteries | 440-448 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **Respiratory** | 460-519 | 11 | 148. | 3.5 | 5.1 | 13.4 | 4 | 40. | 1.9 | 1.4 | 10.0 | 15 | 188. | 3.0 | 3.3 | 12.5 |
| -Pneu/Infl | 480-487 | 1 | 18. | 0.4 | 0.5 | 17.5 | 2 | 25. | 1.2 | 0.9 | 12.5 | 3 | 43. | 0.7 | 0.7 | 14.2 |
| -Chr. Lung | 491-2,496 | 8 | 65. | 1.6 | 2.0 | 8.1 | 1 | 13. | 0.6 | 0.4 | 12.5 | 9 | 78. | 1.2 | 1.3 | 8.6 |
| -Asthma | 493 | 1 | 63. | 1.5 | 2.5 | 62.5 | - | - | - | - | - | 1 | 63. | 1.0 | 1.3 | 62.5 |
| **Digestive** | 520-579 | 4 | 75. | 1.8 | 2.3 | 18.8 | 2 | 40. | 1.9 | 1.4 | 20.0 | 6 | 115. | 1.8 | 1.9 | 19.2 |
| -Chr.Liv/Cirr | 571 | 3 | 73. | 1.7 | 2.2 | 24.2 | 2 | 40. | 1.9 | 1.4 | 20.0 | 5 | 113. | 1.8 | 1.9 | 22.5 |
| **Cong. Anomaly** | 740-759 | 3 | 221. | 5.3 | 7.1 | 73.7 | 3 | 224. | 10.5 | 7.6 | 74.5 | 6 | 445. | 7.0 | 7.3 | 74.1 |
| **Perinatal** | 760-779 | 2 | 149. | 3.6 | 5.0 | 74.5 | 4 | 298. | 14.0 | 10.1 | 74.5 | 6 | 447. | 7.1 | 7.5 | 74.5 |
| **Ext.Causes** | E800-999 | 46 | 2143. | 51.2 | 73.4 | 46.6 | 11 | 478. | 22.4 | 16.8 | 43.4 | 57 | 2621. | 41.4 | 45.2 | 46.0 |
| -M.V.Tr.Acc | E810-819 | 19 | 922. | 22.0 | 32.2 | 48.5 | 7 | 253. | 11.8 | 7.9 | 36.1 | 26 | 1175. | 18.5 | 20.0 | 45.2 |
| -Poisoning | E850-869 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| -Falls | E880-888 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| -Suicide | E950-959 | 16 | 685. | 16.4 | 24.7 | 42.8 | 3 | 178. | 8.3 | 7.3 | 59.2 | 19 | 863. | 13.6 | 16.1 | 45.4 |
| **All Other Causes** | | 12 | 474. | 11.3 | 14.8 | 39.5 | 6 | 165. | 7.7 | 5.5 | 27.4 | 18 | 638. | 10.1 | 10.1 | 35.4 |
| **Total** | | 156 | 4189. | 100.0 | 137.1 | 26.9 | 86 | 2134. | 100.0 | 72.5 | 24.8 | 242 | 6323. | 100.0 | 105.3 | 26.1 |

NOTE: ( Standard Rates of PYLL /1,000 Population : Based on 1971 Canada Population from the Planning And Statistics Division, Ministry of Finance and Corporate Relations)
Totals listed at the bottom of table are based on all causes of death (001-E999) and are therefore not a simple summation of individual columns.

Appendix 2

# Potential Years Of Life Lost By Health Unit, British Columbia, 1989
## ( For Age-Group : 0-75 )

**H.U. = 16 : Skeena**

| Cause of Death | | Male | | | | | Female | | | | | Total | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL |
| **Inf/Paras. D** | 001-139 | 2 | 50. | 1.1 | 1.2 | 25.0 | - | - | - | - | - | 2 | 50. | 0.7 | 0.6 | 25.0 |
| -AIDS/HIV rl. | 042-044 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **Cancer** | 140-208 | 40 | 620. | 13.2 | 17.1 | 15.5 | 29 | 503. | 24.4 | 15.8 | 17.3 | 69 | 1123. | 16.6 | 16.5 | 16.3 |
| -Lung | 162 | 19 | 218. | 4.6 | 6.4 | 11.4 | 6 | 95. | 4.6 | 3.0 | 15.8 | 25 | 313. | 4.6 | 5.0 | 12.5 |
| -Fem. Breast | 174 | - | - | - | - | - | 10 | 245. | 11.9 | 6.8 | 24.5 | 10 | 245. | 3.6 | 3.1 | 24.5 |
| -Colorectal | 153-154 | 3 | 43. | 0.9 | 1.3 | 14.2 | - | - | - | - | - | 3 | 43. | 0.6 | 0.7 | 14.2 |
| -Cervical | 180 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| -Prostate | 185 | 2 | 15. | 0.3 | 0.5 | 7.5 | - | - | - | - | - | 2 | 15. | 0.2 | 0.3 | 7.5 |
| **End/Nut/Met.** | 240-279 | 3 | 43. | 0.9 | 1.1 | 14.2 | 3 | 13. | 0.6 | 0.6 | 4.2 | 6 | 55. | 0.8 | 0.9 | 9.2 |
| -Diabetes | 250 | 3 | 43. | 0.9 | 1.1 | 14.2 | 3 | 13. | 0.6 | 0.6 | 4.2 | 6 | 55. | 0.8 | 0.9 | 9.2 |
| **Circulatory** | 390-459 | 42 | 685. | 14.5 | 18.1 | 16.3 | 11 | 253. | 12.3 | 6.7 | 23.0 | 53 | 938. | 13.8 | 13.0 | 17.7 |
| -Cor.Ht | 410-414,4292 | 28 | 350. | 7.4 | 10.0 | 12.5 | 2 | 10. | 0.5 | 0.4 | 5.0 | 30 | 360. | 5.3 | 5.8 | 12.0 |
| -C.V./St | 430-4,436-8 | 5 | 133. | 2.8 | 2.9 | 26.5 | 5 | 113. | 5.5 | 3.0 | 22.5 | 10 | 245. | 3.6 | 2.9 | 24.5 |
| -Arteries | 440-448 | 1 | 23. | 0.5 | 0.6 | 22.5 | 1 | 18. | 0.8 | 0.6 | 17.5 | 2 | 40. | 0.6 | 0.6 | 20.0 |
| **Respiratory** | 460-519 | 7 | 175. | 3.7 | 4.2 | 24.9 | 6 | 279. | 13.5 | 6.6 | 46.4 | 13 | 453. | 6.7 | 5.4 | 34.8 |
| -Pneu/Infl | 480-487 | 2 | 112. | 2.4 | 2.4 | 56.0 | 4 | 202. | 9.8 | 4.7 | 50.4 | 6 | 314. | 4.6 | 3.5 | 52.3 |
| -Chr. Lung | 491-2,496 | 4 | 35. | 0.7 | 1.1 | 8.8 | 1 | 3. | 0.1 | 0.1 | 2.5 | 5 | 38. | 0.6 | 0.7 | 7.5 |
| -Asthma | 493 | 1 | 28. | 0.6 | 0.7 | 27.5 | - | - | - | - | - | 1 | 28. | 0.4 | 0.4 | 27.5 |
| **Digestive** | 520-579 | 4 | 60. | 1.3 | 1.4 | 15.0 | 5 | 103. | 5.0 | 2.6 | 20.5 | 9 | 163. | 2.4 | 2.0 | 18.1 |
| -Chr.Liv/Cirr | 571 | 1 | 38. | 0.8 | 0.7 | 37.5 | 2 | 70. | 3.4 | 1.4 | 35.0 | 3 | 108. | 1.6 | 1.0 | 35.8 |
| **Cong. Anomaly** | 740-759 | - | - | - | - | - | 2 | 75. | 3.6 | 1.6 | 37.3 | 2 | 75. | 1.1 | 0.8 | 37.3 |
| **Perinatal** | 760-779 | 7 | 522. | 11.1 | 12.1 | 74.5 | - | - | - | - | - | 7 | 522. | 7.7 | 6.1 | 74.5 |
| **Ext.Causes** | E800-999 | 43 | 1702. | 36.1 | 41.7 | 39.6 | 12 | 455. | 22.1 | 12.1 | 37.9 | 55 | 2157. | 31.9 | 27.5 | 39.2 |
| -M.V.Tr.Acc | E810-819 | 9 | 393. | 8.3 | 10.1 | 43.6 | 2 | 90. | 4.4 | 2.5 | 45.0 | 11 | 483. | 7.1 | 6.4 | 43.9 |
| -Poisoning | E850-869 | 1 | 43. | 0.9 | 0.7 | 42.5 | 1 | 13. | 0.6 | 0.5 | 12.5 | 2 | 55. | 0.8 | 0.6 | 27.5 |
| -Falls | E880-888 | - | - | - | - | - | 1 | 38. | 1.8 | 0.7 | 37.5 | 1 | 38. | 0.6 | 0.3 | 37.5 |
| -Suicide | E950-959 | 12 | 470. | 10.0 | 12.5 | 39.2 | 1 | 28. | 1.3 | 0.8 | 27.5 | 13 | 498. | 7.3 | 6.9 | 38.3 |
| **All Other Causes** | | 17 | 855. | 18.2 | 20.7 | 45.0 | 10 | 382. | 18.5 | 10.1 | 38.1 | 29 | 1237. | 18.3 | 15.6 | 42.6 |
| **Total** | | 167 | 4711. | 100.0 | 117.6 | 28.2 | 78 | 2060. | 100.0 | 56.1 | 26.4 | 245 | 6770. | 100.0 | 88.4 | 27.6 |

NOTE: ( Standard Rates of PYLL /1,000 Population : Based on 1971 Canada Population from the Planning And Statistics Division, Ministry of Finance and Corporate Relations)

Totals listed at the bottom of table are based on all causes of death (001-E999) and are therefore not a simple summation of individual columns.

# Potential Years Of Life Lost By Health Unit, British Columbia, 1989
## ( For Age-Group : 0-75 )

**H.U. = 17 : Peace River**

| Cause of Death | | Male | | | | | Female | | | | | Total | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL |
| **Inf/Paras. D** | 001-139 | 1 | 23. | 0.7 | 0.9 | 22.5 | - | - | - | - | - | 1 | 23 | 0.5 | 0.5 | 22.5 |
| -AIDS/HIV rl. | 042-044 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **Cancer** | 140-208 | 19 | 333. | 9.6 | 12.0 | 17.5 | 11 | 148. | 10.5 | 7.0 | 13.4 | 30 | 480 | 9.9 | 9.7 | 16.0 |
| -Lung | 162 | 6 | 125. | 3.6 | 4.5 | 20.8 | 3 | 53. | 3.8 | 2.7 | 17.5 | 9 | 178 | 3.7 | 3.6 | 19.7 |
| -Fem. Breast | 174 | - | - | - | - | - | 3 | 48. | 3.4 | 2.3 | 15.8 | 3 | 48 | 1.0 | 1.1 | 15.8 |
| -Colorectal | 153-154 | 1 | 18. | 0.5 | 0.7 | 17.5 | - | - | - | - | - | 1 | 18 | 0.4 | 0.4 | 17.5 |
| -Cervical | 180 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| -Prostate | 185 | 2 | 10. | 0.3 | 0.5 | 5.0 | - | - | - | - | - | 2 | 10 | 0.2 | 0.3 | 5.0 |
| **End/Nut/Met.** | 240-279 | 1 | 3. | 0.1 | 0.1 | 2.5 | 5 | 73. | 5.2 | 3.5 | 14.5 | 6 | 75 | 1.5 | 1.7 | 12.5 |
| -Diabetes | 250 | - | - | - | - | - | 3 | 33. | 2.3 | 1.6 | 10.8 | 3 | 33 | 0.7 | 0.7 | 10.8 |
| **Circulatory** | 390-459 | 33 | 323. | 9.3 | 13.8 | 9.8 | 18 | 25[illegible] | 18.2 | 11.9 | 14.2 | 51 | 578 | 11.9 | 13.0 | 11.3 |
| -Cor.Ht | 410-414,4292 | 19 | 183. | 5.3 | 7.7 | 9.6 | 5 | 38. | 2.7 | 2.0 | 7.5 | 24 | 220 | 4.5 | 5.1 | 9.2 |
| -C.V./St | 430-4,436-8 | 5 | 38. | 1.1 | 1.6 | 7.5 | 3 | 53. | 3.8 | 2.4 | 17.5 | 8 | 90 | 1.9 | 2.1 | 11.3 |
| -Arteries | 440-448 | 2 | 10. | 0.3 | 0.5 | 5.0 | 1 | 8. | 0.5 | 0.4 | 7.5 | 3 | 18 | 0.4 | 0.5 | 5.8 |
| **Respiratory** | 460-519 | 6 | 122. | 3.5 | 4.6 | 20.3 | 6 | 40. | 2.9 | 2.2 | 6.7 | 12 | 162 | 3.3 | 3.4 | 13.5 |
| -Pneu/Infl | 480-487 | 4 | 97. | 2.8 | 3.6 | 24.3 | 3 | 23. | 1.6 | 1.2 | 7.5 | 7 | 120 | 2.5 | 2.4 | 17.1 |
| -Chr. Lung | 491-2,496 | 2 | 25. | 0.7 | 1.1 | 12.5 | 3 | 18. | 1.3 | 1.0 | 5.8 | 5 | 43 | 0.9 | 1.0 | 8.5 |
| -Asthma | 493 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **Digestive** | 520-579 | 4 | 100. | 2.9 | 3.5 | 25.0 | 2 | 35. | 2.5 | 1.7 | 17.5 | 6 | 135 | 2.8 | 2.7 | 22.5 |
| -Chr.Liv/Cirr | 571 | 3 | 73. | 2.1 | 2.3 | 24.2 | 2 | 35. | 2.5 | 1.7 | 17.5 | 5 | 108 | 2.2 | 2.1 | 21.5 |
| **Cong. Anomaly** | 740-759 | 2 | 117. | 3.4 | 3.6 | 58.5 | 2 | 149. | 10.6 | 5.3 | 74.5 | 4 | 266 | 5.5 | 4.4 | 66.5 |
| **Perinatal** | 760-779 | 1 | 75. | 2.2 | 2.6 | 74.5 | 1 | 75. | 5.3 | 2.7 | 74.5 | 2 | 149 | 3.1 | 2.6 | 74.5 |
| **Ext.Causes** | E800-999 | 40 | 1752. | 50.6 | 60.6 | 43.8 | 12 | 485. | 34.6 | 18.3 | 40.4 | 52 | 2236 | 46.0 | 39.6 | 43.0 |
| -M.V.Tr.Acc | E810-819 | 15 | 755. | 21.8 | 27.2 | 50.3 | 6 | 220. | 15.7 | 7.8 | 36.7 | 21 | 975 | 20.0 | 17.5 | 46.4 |
| -Poisoning | E850-869 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| -Falls | E880-888 | - | - | - | - | - | 1 | 33. | 2.3 | 1.1 | 32.5 | 1 | 33 | 0.7 | 0.5 | 32.5 |
| -Suicide | E950-959 | 7 | 278. | 8.0 | 9.0 | 39.6 | 1 | 48. | 3.4 | 1.4 | 47.5 | 8 | 325 | 6.7 | 5.3 | 40.6 |
| **All Other Causes** | | 15 | 616. | 17.8 | 24.2 | 41.1 | 4 | 142. | 10.1 | 5.1 | 35.5 | 19 | 758 | 15.6 | 14.9 | 39.9 |
| **Total** | | 122 | 3461. | 100.0 | 126.0 | 28.4 | 61 | 1400. | 100.0 | 57.7 | 23.0 | 183 | 4861 | 100.0 | 92.5 | 26.6 |

NOTE: ( Standard Rates of PYLL /1,000 Population : Based on 1971 Canada Population from the Planning And Statistics Division, Ministry of Finance and Corporate Relations)
Totals listed at the bottom of table are based on all causes of death (001-E999) and are therefore not a simple summation of individual columns

Appendix 2

# Potential Years Of Life Lost By Health Unit, British Columbia, 1989
## ( For Age-Group : 0-75 )

**H.U. = 18 : Northern Interior**

| Cause of Death | | Male | | | | | Female | | | | | Total | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL |
| **Inf/Paras. D** | 001-139 | 1 | 43. | 0.7 | 0.5 | 42.5 | 1 | 13. | 0.4 | 0.3 | 12.5 | 2 | 55. | 0.6 | 0.4 | 27.5 |
| -AIDS/HIV rl. | 042-044 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **Cancer** | 140-208 | 49 | 653. | 11.5 | 13.5 | 13.3 | 44 | 580. | 20.2 | 13.6 | 13.2 | 93 | 1233. | 14.4 | 13.6 | 13.3 |
| -Lung | 162 | 21 | 253. | 4.4 | 5.2 | 12.0 | 16 | 225. | 7.8 | 4.9 | 14.1 | 37 | 478. | 5.6 | 5.1 | 12.9 |
| -Fem. Breast | 174 | - | - | - | - | - | 5 | 43. | 1.5 | 1.0 | 8.5 | 5 | 43. | 0.5 | 0.5 | 8.5 |
| -Colorectal | 153-154 | 5 | 63. | 1.1 | 1.2 | 12.5 | - | - | - | - | - | 5 | 63. | 0.7 | 0.7 | 12.5 |
| -Cervical | 180 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| -Prostate | 185 | 3 | 23. | 0.4 | 0.5 | 7.5 | - | - | - | - | - | 3 | 23. | 0.3 | 0.3 | 7.5 |
| **End/Nut/Met.** | 240-279 | 2 | 30. | 0.5 | 0.6 | 15.0 | 5 | 113. | 3.9 | 2.3 | 22.5 | 7 | 143. | 1.7 | 1.5 | 20.4 |
| -Diabetes | 250 | 1 | 8. | 0.1 | 0.2 | 7.5 | 3 | 23. | 0.8 | 0.6 | 7.5 | 4 | 30. | 0.4 | 0.4 | 7.5 |
| **Circulatory** | 390-459 | 71 | 938. | 16.5 | 18.0 | 13.2 | 20 | 327. | 11.4 | 6.7 | 16.3 | 91 | 1265. | 14.8 | 13.1 | 13.9 |
| -Cor.Ht | 410-414,4292 | 51 | 693. | 12.2 | 13.5 | 13.6 | 11 | 138. | 4.8 | 2.9 | 12.5 | 62 | 830. | 9.7 | 8.8 | 13.4 |
| -C.V./St | 430-4,436-8 | 2 | 30. | 0.5 | 0.6 | 15.0 | 6 | 95. | 3.3 | 2.0 | 15.8 | 8 | 125. | 1.5 | 1.2 | 15.6 |
| -Arteries | 440-448 | 3 | 8. | 0.1 | 0.2 | 2.5 | - | - | - | - | - | 3 | 8. | 0.1 | 0.1 | 2.5 |
| **Respiratory** | 460-519 | 4 | 30. | 0.5 | 0.7 | 7.5 | 3 | 48. | 1.7 | 1.2 | 15.8 | 7 | 78. | 0.9 | 0.9 | 11.1 |
| -Pneu/Infl | 480-487 | 2 | 15. | 0.3 | 0.3 | 7.5 | 2 | 30. | 1.0 | 0.7 | 15.0 | 4 | 45. | 0.5 | 0.5 | 11.3 |
| -Chr. Lung | 491-2,496 | 2 | 15. | 0.3 | 0.3 | 7.5 | 1 | 18. | 0.6 | 0.4 | 17.5 | 3 | 33. | 0.4 | 0.4 | 10.8 |
| -Asthma | 493 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **Digestive** | 520-579 | 6 | 130. | 2.3 | 2.2 | 21.7 | 3 | 43. | 1.5 | 1.1 | 14.2 | 9 | 173. | 2.0 | 1.7 | 19.2 |
| -Chr.Liv/Cirr | 571 | 3 | 68. | 1.2 | 1.1 | 22.5 | 2 | 35. | 1.2 | 0.9 | 17.5 | 5 | 103. | 1.2 | 1.0 | 20.5 |
| **Cong. Anomaly** | 740-759 | 3 | 219 | 3.8 | 3.7 | 72.8 | 4 | 236. | 8.2 | 4.4 | 59.0 | 7 | 455. | 5.3 | 4.0 | 64.9 |
| **Perinatal** | 760-779 | 5 | 373. | 6.5 | 6.7 | 74.5 | 4 | 298. | 10.4 | 5.5 | 74.5 | 9 | 671. | 7.8 | 6.1 | 74.5 |
| **Ext.Causes** | E800-999 | 59 | 2523. | 44.3 | 47.0 | 42.8 | 25 | 1039. | 36.2 | 19.3 | 41.6 | 84 | 3562. | 41.6 | 33.3 | 42.4 |
| -M.V.Tr.Acc | E810-819 | 21 | 908. | 16.0 | 17.5 | 43.2 | 13 | 527. | 18.3 | 10.0 | 40.5 | 34 | 1435. | 16.8 | 13.8 | 42.2 |
| -Poisoning | E850-869 | 2 | 5. | 0.1 | 0.1 | 2.5 | - | - | - | - | - | 2 | 5. | 0.1 | 0.1 | 2.5 |
| -Falls | E880-888 | - | - | - | - | - | 1 | 48. | 1.7 | 0.8 | 47.5 | 1 | 48. | 0.6 | 0.4 | 47.5 |
| -Suicide | E950-959 | 19 | 848. | 14.9 | 15.3 | 44.6 | 5 | 208. | 7.2 | 3.9 | 41.5 | 24 | 1055. | 12.3 | 9.6 | 44.0 |
| **All Other Causes** | | 19 | 752. | 13.2 | 12.7 | 39.6 | 8 | 177. | 6.2 | 3.6 | 22.1 | 27 | 929. | 10.9 | 8.2 | 34.4 |
| **Total** | | 219 | 5688. | 100.0 | 105.6 | 26.0 | 117 | 2872. | 100.0 | 58.1 | 24.5 | 336 | 8560. | 100.0 | 82.8 | 25.5 |

NOTE: ( Standard Rates of PYLL /1,000 Population : Based on 1971 Canada Population from the Planning And Statistics Division, Ministry of Finance and Corporate Relations)
Totals listed at the bottom of table are based on all causes of death (001-E999) and are therefore not a simple summation of individual columns.

# Potential Years Of Life Lost By Health Unit, British Columbia, 1989
## ( For Age-Group : 0-75 )

**H.U. = 20 : Capital Regional District**

| Cause of Death | | Male | | | | | Female | | | | | Total | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL |
| **Inf/Paras. D** | 001-139 | 13 | 358. | 3.6 | 2.4 | 27.5 | 1 | 3. | - | - | 2.5 | 14 | 360. | 2.3 | 1.2 | 25.7 |
| -AIDS/HIV rl. | 042-044 | 11 | 338. | 3.4 | 2.2 | 30.7 | - | - | - | - | - | 11 | 338. | 2.1 | 1.1 | 30.7 |
| **Cancer** | 140-208 | 227 | 2408. | 24.4 | 14.0 | 10.6 | 210 | 2315. | 38.9 | 12.5 | 11.0 | 437 | 4723. | 29.8 | 13.2 | 10.8 |
| -Lung | 162 | 75 | 768. | 8.0 | 4.5 | 10.5 | 48 | 440. | 7.4 | 2.3 | 9.2 | 123 | 1228. | 7.8 | 3.3 | 10.0 |
| -Fem. Breast | 174 | - | - | - | - | - | 42 | 535. | 9.0 | 3.0 | 12.7 | 42 | 535. | 3.4 | 1.6 | 12.7 |
| -Colorectal | 153-154 | 20 | 230. | 2.3 | 1.3 | 11.5 | 20 | 220. | 3.7 | 1.2 | 11.0 | 40 | 450. | 2.8 | 1.2 | 11.3 |
| -Cervical | 180 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| -Prostate | 185 | 17 | 108. | 1.1 | 0.5 | 6.3 | - | - | - | - | - | 17 | 108. | 0.7 | 0.2 | 6.3 |
| **End/Nut/Met.** | 240-279 | 17 | 150. | 1.5 | 0.8 | 12.5 | 15 | 233. | 3.9 | 1.8 | 15.5 | 27 | 383. | 2.4 | 1.3 | 14.2 |
| -Diabetes | 250 | 8 | 80. | 0.8 | 0.4 | 10.0 | 12 | 155. | 2.6 | 0.8 | 12.9 | 20 | 235. | 1.5 | 0.6 | 11.8 |
| **Circulatory** | 390-459 | 191 | 2003. | 20.3 | 11.4 | 10.5 | 113 | 953. | 16.0 | 4.8 | 8.4 | 304 | 2955. | 18.7 | 8.0 | 9.7 |
| -Cor.Ht | 410-414,4292 | 114 | 1180. | 11.9 | 6.7 | 10.4 | 59 | 433. | 7.3 | 1.9 | 7.3 | 173 | 1613. | 10.2 | 4.2 | 9.3 |
| -C.V./St | 430-4,436-8 | 25 | 268. | 2.7 | 1.6 | 10.7 | 28 | 330. | 5.6 | 2.0 | 11.8 | 53 | 598. | 3.8 | 1.8 | 11.3 |
| -Arteries | 440-448 | 15 | 163. | 1.6 | 0.9 | 10.8 | 6 | 45. | 0.8 | 0.2 | 7.5 | 21 | 208. | 1.3 | 0.5 | 9.9 |
| **Respiratory** | 460-519 | 44 | 310. | 3.1 | 1.4 | 7.0 | 34 | 290. | 4.9 | 1.4 | 8.5 | 78 | 600. | 3.8 | 1.4 | 7.7 |
| -Pneu/Infl | 480-487 | 14 | 110. | 1.1 | 0.5 | 7.9 | 5 | 43. | 0.7 | 0.2 | 8.5 | 19 | 153. | 1.0 | 0.3 | 8.0 |
| -Chr. Lung | 491-2,496 | 26 | 180. | 1.8 | 0.8 | 6.9 | 25 | 168. | 2.8 | 0.8 | 6.7 | 51 | 348. | 2.2 | 0.8 | 6.8 |
| -Asthma | 493 | 3 | 18. | 0.2 | 0.1 | 5.8 | 2 | 55. | 0.9 | 0.3 | 27.5 | 5 | 73. | 0.5 | 0.2 | 14.5 |
| **Digestive** | 520-579 | 26 | 285. | 2.9 | 1.7 | 11.0 | 14 | 215. | 3.6 | 1.2 | 15.4 | 40 | 500. | 3.2 | 1.5 | 12.5 |
| -Chr.Liv/Cir | 571 | 13 | 153. | 1.5 | 0.9 | 11.7 | 9 | 143. | 2.4 | 0.8 | 15.8 | 22 | 295. | 1.9 | 0.8 | 13.4 |
| **Cong. Anomaly** | 740-759 | 9 | 602. | 6.1 | 6.1 | 66.8 | 4 | 184. | 3.1 | 1.8 | 46.0 | 13 | 786. | 5.0 | 4.0 | 60.4 |
| **Perinatal** | 760-779 | 6 | 447. | 4.5 | 4.7 | 74.5 | 3 | 224. | 3.8 | 2.4 | 74.5 | 9 | 671. | 4.2 | 3.5 | 74.5 |
| **Ext.Causes** | E800-999 | 52 | 1485. | 15.0 | 10.9 | 28.6 | 20 | 522. | 8.8 | 3.9 | 26.1 | 72 | 2007. | 12.7 | 7.3 | 27.9 |
| -M.V.Tr.Acc | E810-819 | 8 | 265. | 2.7 | 2.2 | 33.1 | 4 | 115. | 1.9 | 1.0 | 28.8 | 12 | 380. | 2.4 | 1.6 | 31.6 |
| -Poisoning | E850-869 | 1 | 38. | 0.4 | 0.2 | 37.5 | 2 | 50. | 0.8 | 0.3 | 25.0 | 3 | 88. | 0.6 | 0.2 | 29.2 |
| -Falls | E880-888 | 5 | 38. | 0.4 | 0.2 | 7.5 | 2 | 5. | 0.1 | - | 2.5 | 7 | 43. | 0.3 | 0.1 | 6.1 |
| -Suicide | E950-959 | 18 | 625. | 6.3 | 4.6 | 34.7 | 5 | 148. | 2.5 | 1.1 | 29.5 | 23 | 773. | 4.9 | 2.8 | 33.6 |
| **All Other Causes** | | 73 | 1836. | 18.6 | 14.0 | 25.1 | 48 | 1009. | 17.0 | 7.5 | 21.0 | 121 | 2845. | 18.0 | 10.7 | 23.5 |
| **Total** | | 653 | 9882. | 100.0 | 67.3 | 15.1 | 462 | 5946. | 100.0 | 37.3 | 12.9 | 1115 | 15827. | 100.0 | 52.0 | 14.2 |

NOTE: ( Standard Rates of PYLL /1,000 Population : Based on 1971 Canada Population from the Planning And Statistics Division, Ministry of Finance and Corporate Relations)
Totals listed at the bottom of table are based on all causes of death (001-E999) and are therefore not a simple summation of individual columns.

Appendix 2

# Potential Years Of Life Lost By Health Unit, British Columbia, 1989
## ( For Age-Group : 0-75 )

**H.U. = 30 : Vancouver**

| Cause of Death | | Male | | | | | Female | | | | | Total | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL |
| **Inf/Paras. D** | 001-139 | 95 | 3128. | 12.7 | 10.4 | 32.9 | 7 | 220. | 2.2 | 1.0 | 31.4 | 102 | 3347. | 9.6 | 5.7 | 32.8 |
| -AIDS/HIV rl. | 042-044 | 83 | 2958. | 12.0 | 9.8 | 35.6 | 3 | 175. | 1.7 | 0.8 | 58.2 | 86 | 3132. | 9.0 | 5.3 | 36.4 |
| **Cancer** | 140-208 | 342 | 4105. | 16.6 | 15.9 | [illegible] | 239 | 3048. | 30.0 | 11.0 | 12.8 | 581 | 7153. | 20.5 | 13.4 | 12.3 |
| -Lung | 162 | 138 | 1480. | 6.0 | 5.4 | 10.7 | 63 | 713. | 7.0 | 2.6 | 11.3 | 201 | 2193. | 6.3 | 4.0 | 10.9 |
| -Fem. Breast | 174 | - | - | - | - | - | 50 | 695. | 6.8 | 2.6 | 13.9 | 50 | 695. | 2.0 | 1.3 | 13.9 |
| -Colorectal | 153-154 | 33 | 338. | 1.4 | 1.2 | 10.2 | 15 | 118. | 1.2 | 0.4 | 7.8 | 48 | 455. | 1.3 | 0.8 | 9.5 |
| -Cervical | 180 | - | - | - | - | - | 5 | 53. | 0.5 | 0.2 | 10.5 | 5 | 53. | 0.2 | 0.1 | 10.5 |
| -Prostate | 185 | 11 | 63. | 0.3 | 0.2 | 5.7 | - | - | - | - | - | 11 | 63. | 0.2 | 0.1 | 5.7 |
| **End/Nut/Met.** | 240-279 | 26 | 367. | 1.5 | 1.5 | 13.9 | 19 | 310. | 3.0 | 1.3 | 16.3 | 45 | 672. | 1.9 | 1.4 | 14.9 |
| -Diabetes | 250 | 19 | 233. | 0.9 | 0.9 | 12.2 | 13 | 163. | 1.6 | 0.6 | 12.5 | 32 | 395. | 1.1 | 0.7 | 12.3 |
| **Circulatory** | 390-459 | 345 | 3728. | 15.1 | 13.4 | 10.8 | 168 | 1405. | 13.8 | 5.0 | 8.4 | 513 | 5133. | 14.7 | 9.2 | 10.0 |
| -Cor.Ht | 410-414,4292 | 222 | 2260. | 9.1 | 8.0 | 10.2 | 94 | 680. | 6.7 | 2.4 | 7.2 | 316 | 2940. | 8.4 | 5.2 | 9.3 |
| -C.V./St | 430-4,436-8 | 43 | 508. | 2.1 | 1.9 | 11.8 | 37 | 288. | 2.8 | 1.0 | 7.8 | 80 | 795. | 2.3 | 1.4 | 9.9 |
| -Arteries | 440-448 | 16 | 160. | 0.6 | 0.6 | 10.0 | 7 | 48. | 0.5 | 0.1 | 6.8 | 23 | 208. | 0.6 | 0.3 | 9.0 |
| **Respiratory** | 460-519 | 86 | 925. | 3.7 | 3.6 | 10.8 | 45 | 749. | 7.4 | 3.2 | 16.6 | 131 | 1674. | 4.8 | 3.4 | 12.8 |
| -Pneu/Infl | 480-487 | 30 | 430. | 1.7 | 1.5 | 14.3 | 19 | 474. | 4.7 | 2.1 | 24.9 | 49 | 904. | 2.6 | 1.8 | 18.4 |
| -Chr. Lung | 491-2,496 | 39 | 327. | 1.3 | 1.4 | 8.4 | 17 | 153. | 1.5 | 0.4 | 9.0 | 56 | 480. | 1.4 | 0.9 | 8.6 |
| -Asthma | 493 | 6 | 60. | 0.2 | 0.2 | 10.0 | 3 | 23. | 0.2 | 0.1 | 7.5 | 9 | 83. | 0.2 | 0.1 | 9.2 |
| **Digestive** | 520-579 | 54 | 902. | 3.6 | 3.5 | 16.7 | 24 | 310. | 3.1 | 1.1 | 12.9 | 78 | 1212. | 3.5 | 2.3 | 15.5 |
| -Chr.Liv/Cirr | 571 | 26 | 370. | 1.5 | 1.4 | 14.2 | 11 | 198. | 1.9 | 0.7 | 18.0 | 37 | 568. | 1.6 | 1.0 | 15.3 |
| **Cong. Anomaly** | 740-759 | 13 | 818. | 3.3 | 4.7 | 62.9 | 6 | 447. | 4.4 | 2.7 | 74.5 | 19 | 1265. | 3.6 | 3.7 | 66.6 |
| **Perinatal** | 760-779 | 18 | 1341. | 5.4 | 8.0 | 74.5 | 4 | 298. | 2.9 | 1.8 | 74.5 | 22 | 1639. | 4.7 | 4.9 | 74.5 |
| **Ext.Causes** | E800-999 | 169 | 5703. | 23.1 | 23.3 | 33.7 | 57 | 1945. | 19.1 | 8.2 | 34.1 | 226 | 7647. | 21.9 | 15.8 | 33.8 |
| -M.V.Tr.Acc | E810-819 | 32 | 1169. | 4.7 | 4.9 | 36.5 | 10 | 460. | 4.5 | 2.2 | 46.0 | 42 | 1629. | 4.7 | 3.5 | 38.8 |
| -Poisoning | E850-869 | 19 | 573. | 2.3 | 2.0 | 30.1 | 11 | 328. | 3.2 | 1.1 | 29.8 | 30 | 900. | 2.6 | 1.6 | 30.0 |
| -Falls | E880-888 | 11 | 193. | 0.8 | 0.6 | 17.5 | 4 | 90. | 0.9 | 0.3 | 22.5 | 15 | 283. | 0.8 | 0.5 | 18.8 |
| -Suicide | E950-959 | 57 | 1993. | 8.1 | 7.9 | 35.0 | 20 | 680. | 6.7 | 2.4 | 34.0 | 77 | 2673. | 7.7 | 5.2 | 34.7 |
| **All Other Causes** | | 30 | 3710. | 15.0 | 15.8 | 28.5 | 61 | 1425. | 14.0 | 6.0 | 23.4 | 191 | 5135. | 14.7 | 10.9 | 26.9 |
| **Total** | | 278 | 24720. | 100.0 | 100.1 | 19.3 | 630 | 10155. | 100.0 | 41.4 | 16.1 | 1908 | 34874. | 100.0 | 70.9 | 18.3 |

NOTE: ( Standard Rates of PYLL /1,000 Population : Based on 1971 Canada Population from the Planning And Statistics Division, Ministry of Finance and Corporate Relations)

Totals listed at the bottom of table are based on all causes of death (001-E999) and are therefore not a simple summation of individual columns.

# Potential Years Of Life Lost By Health Unit, British Columbia, 1989
## ( For Age-Group : 0-75 )

**H.U. = 31 : Burnaby**

| Cause of Death | | Male | | | | | Female | | | | | Total | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL |
| **Inf/Paras. D** | 001-139 | 8 | 305. | 6.0 | 3.7 | 38.1 | 3 | 23. | 0.8 | 0.2 | 7.5 | 11 | 328. | 4.1 | 1.9 | 29.8 |
| -AIDS/HIV rl. | 042-044 | 7 | 253. | 5.0 | 3.0 | 36.1 | - | - | - | - | - | 7 | 253. | 3.2 | 1.5 | 36.1 |
| **Cancer** | 140-208 | 100 | 1110. | 21.9 | 11.6 | 11.1 | 103 | 1203. | 41.3 | 13.8 | 11.7 | 203 | 2313. | 29.0 | 12.7 | 11.4 |
| -Lung | 162 | 41 | 473. | 9.3 | 5.1 | 11.5 | 24 | 260. | 8.9 | 2.7 | 10.8 | 65 | 733. | 9.2 | 3.9 | 11.3 |
| -Fem. Breast | 174 | - | - | - | - | - | 18 | 195. | 6.7 | 2.0 | 10.8 | 18 | 195. | 2.4 | 1.0 | 10.8 |
| -Colorectal | 153-154 | 9 | 53. | 1.0 | 0.5 | 5.8 | 15 | 163. | 5.6 | 1.8 | 10.8 | 24 | 215. | 2.7 | 1.1 | 9.0 |
| -Cervical | 180 | - | - | - | - | - | 1 | 38. | 1.3 | 0.4 | 37.5 | 1 | 38. | 0.5 | 0.2 | 37.5 |
| -Prostate | 185 | 8 | 35. | 0.7 | 0.3 | 4.4 | - | - | - | - | - | 8 | 35. | 0.4 | 0.2 | 4.4 |
| **End/Nut/Met.** | 240-279 | 12 | 170. | 3.4 | 2.4 | 14.1 | 6 | 142. | 4.9 | 2.1 | 23.7 | 18 | 312. | 3.9 | 2.3 | 17.3 |
| -Diabetes | 250 | 10 | 85. | 1.7 | 0.8 | 8.5 | 5 | 68. | 2.3 | 0.8 | 13.5 | 15 | 153. | 1.9 | 0.8 | 10.2 |
| **Circulatory** | 390-459 | 111 | 1098. | 21.7 | 12.4 | 9.9 | 48 | 455. | 15.6 | 5.1 | 9.5 | 159 | 1553. | 19.5 | 8.7 | 9.8 |
| -Cor.Ht | 410-414,4292 | 75 | 653. | 12.9 | 6.5 | 8.7 | 31 | 218. | 7.5 | 1.9 | 7.0 | 106 | 870. | 10.9 | 4.2 | 8.2 |
| -C.V./St | 430-4,436-8 | 16 | 215. | 4.3 | 3.5 | 13.4 | 8 | 135. | 4.6 | 1.5 | 16.9 | 24 | 350. | 4.4 | 2.5 | 14.6 |
| -Arteries | 440-448 | 5 | 53. | 1.0 | 0.5 | 10.5 | 1 | 8. | 0.3 | 0.1 | 7.5 | 6 | 60. | 0.8 | 0.3 | 10.0 |
| **Respiratory** | 460-519 | 20 | 150. | 3.0 | 1.5 | 7.5 | 18 | 165. | 5.7 | 1.6 | 9.2 | 38 | 315. | 4.0 | 1.5 | 8.3 |
| -Pneu/Infl. | 480-487 | 1 | 3. | - | - | 2.5 | 7 | 88. | 3.0 | 0.9 | 12.5 | 8 | 90. | 1.1 | 0.5 | 11.3 |
| -Chr. Lung | 491-2,496 | 15 | 103. | 2.0 | 1.0 | 6.8 | 8 | 60. | 2.1 | 0.5 | 7.5 | 23 | 163. | 2.0 | 0.8 | 7.1 |
| -Asthma | 493 | 1 | 3. | - | - | 2.5 | 1 | 8. | 0.3 | 0.1 | 7.5 | 2 | 10. | 0.1 | - | 5.0 |
| **Digestive** | 520-579 | 10 | 105. | 2.1 | 1.1 | 10.5 | 8 | 80. | 2.7 | 0.8 | 10.0 | 18 | 185. | 2.3 | 0.9 | 10.3 |
| -Chr.Liv/Cirr | 571 | 5 | 48. | 0.9 | 0.6 | 9.5 | 5 | 53. | 1.8 | 0.5 | 10.5 | 10 | 100. | 1.3 | 0.5 | 10.0 |
| **Cong. Anomaly** | 740-759 | 1 | 72. | 1.4 | 1.5 | 72.0 | 1 | 75. | 2.6 | 1.3 | 74.5 | 2 | 147. | 1.8 | 1.4 | 73.3 |
| **Perinatal** | 760-779 | - | - | - | - | - | 1 | 75. | 2.6 | 1.3 | 74.5 | 1 | 75. | 0.9 | 0.7 | 74.5 |
| **Ext.Causes** | E800-999 | 41 | 1348. | 26.6 | 16.7 | 32.9 | 4 | 155. | 5.3 | 2.2 | 38.8 | 45 | 1503. | 18.8 | 9.4 | 33.4 |
| -M.V.Tr.Acc | E810-819 | 10 | 430. | 8.5 | 6.5 | 43.0 | 2 | 105. | 3.6 | 1.7 | 52.5 | 12 | 535. | 6.7 | 4.1 | 44.6 |
| -Poisoning | E850-869 | 2 | 65. | 1.3 | 0.9 | 32.5 | - | - | - | - | - | 2 | 65. | 0.8 | 0.4 | 32.5 |
| -Falls | E880-888 | 3 | 43. | 0.8 | 0.5 | 14.2 | - | - | - | - | - | 3 | 43. | 0.5 | 0.2 | 14.2 |
| -Suicide | E950-959 | 15 | 503. | 9.9 | 5.6 | 33.5 | 1 | 38. | 1.3 | 0.4 | 37.5 | 16 | 540. | 6.8 | 3.0 | 33.8 |
| **All Other Causes** | | 25 | 702. | 13.9 | 9.3 | 28.1 | 24 | 544. | 18.7 | 6.7 | 22.7 | 49 | 1246. | 15.6 | 8.0 | 25.4 |
| **Total** | | 328 | 5058. | 100.0 | 60.1 | 15.4 | 216 | 2915. | 100.0 | 35.2 | 13.5 | 544 | 7973. | 100.0 | 47.5 | 14.7 |

NOTE: ( Standard Rates of PYLL /1,000 Population : Based on 1971 Canada Population from the Planning And Statistics Division, Ministry of Finance and Corporate Relations)
Totals listed at the bottom of table are based on all causes of death (001-E999) and are therefore not a simple summation of individual columns.

Appendix 2

# Potential Years Of Life Lost By Health Unit, British Columbia, 1989
## ( For Age-Group : 0-75 )

**H.U. = 32 : Richmond**

| Cause of Death | | Male | | | | | Female | | | | | Total | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL |
| **Inf/Paras. D** | 001-139 | 1 | 48. | 1.6 | 0.7 | 47.5 | - | - | - | - | - | 1 | 48. | 0.9 | 0.4 | 47.5 |
| -AIDS/HIV rl. | 042-044 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **Cancer** | 140-208 | 64 | 715. | 24.8 | 10.0 | 11.2 | 62 | 885. | 40.7 | 13.6 | 14.3 | 126 | 1600. | 31.6 | 11.7 | 12.7 |
| -Lung | 162 | 23 | 178. | 6.1 | 2.5 | 7.7 | 20 | 270. | 12.4 | 3.7 | 13.5 | 43 | 448. | 8.8 | 3.1 | 10.4 |
| -Fem. Breast | 174 | - | - | - | - | - | 16 | 265. | 12.2 | 3.9 | 16.6 | 16 | 265. | 5.2 | 2.0 | 16.6 |
| -Colorectal | 153-154 | 7 | 78. | 2.7 | 1.0 | 11.1 | 7 | 78. | 3.6 | 1.1 | 11.1 | 14 | 155. | 3.1 | 1.1 | 11.1 |
| -Cervical | 180 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| -Prostate | 185 | 3 | 23. | 0.8 | 0.3 | 7.5 | - | - | - | - | - | 3 | 23. | 0.4 | 0.1 | 7.5 |
| **End/Nut/Met.** | 240-279 | 4 | 65. | 2.3 | 1.3 | 16.3 | 4 | 20. | 0.9 | 0.3 | 5.0 | 8 | 85. | 1.7 | 0.8 | 10.6 |
| -Diabetes | 250 | 3 | 13. | 0.4 | 0.2 | 4.2 | 4 | 20. | 0.9 | 0.3 | 5.0 | 7 | 33. | 0.6 | 0.2 | 4.6 |
| **Circulatory** | 390-459 | 74 | 780. | 27.0 | 11.6 | 10.5 | 33 | 223. | 10.2 | 3.1 | 6.7 | 107 | 1003. | 19.8 | 7.3 | 9.4 |
| -Cor.Ht | 410-414,4292 | 50 | 525. | 18.2 | 7.6 | 10.5 | 23 | 178. | 8.2 | 2.5 | 7.7 | 73 | 703. | 13.9 | 5.0 | 9.6 |
| -C.V./St | 430-4,436-8 | 13 | 118. | 4.1 | 1.7 | 9.0 | 7 | 38. | 1.7 | 0.5 | 5.4 | 20 | 155. | 3.1 | 1.1 | 7.8 |
| -Arteries | 440-448 | 4 | 35. | 1.2 | 0.5 | 8.8 | - | - | - | - | - | 4 | 35. | 0.7 | 0.2 | 8.8 |
| **Respiratory** | 460-519 | 13 | 128. | 4.4 | 1.8 | 9.8 | 7 | 103. | 4.7 | 1.3 | 14.6 | 20 | 230. | 4.5 | 1.6 | 11.5 |
| -Pneu/Infl | 480-487 | 3 | 18. | 0.6 | 0.2 | 5.8 | 4 | 45. | 2.1 | 0.5 | 11.3 | 7 | 63. | 1.2 | 0.4 | 8.9 |
| -Chr. Lung | 491-2,496 | 8 | 75. | 2.6 | 1.1 | 9.4 | 2 | 25. | 1.1 | 0.4 | 12.5 | 10 | 100. | 2.0 | 0.7 | 10.0 |
| -Asthma | 493 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **Digestive** | 520-579 | 11 | 103. | 3.6 | 1.5 | 9.3 | 3 | 58. | 2.6 | 0.9 | 19.2 | 14 | 160. | 3.2 | 1.2 | 11.4 |
| -Chr.Liv/Cirr | 571 | 8 | 85. | 2.9 | 1.2 | 10.6 | 2 | 45. | 2.1 | 0.7 | 22.5 | 10 | 130. | 2.6 | 0.9 | 13.0 |
| **Cong. Anomaly** | 740-759 | 1 | 58. | 2.0 | 1.5 | 57.5 | 4 | 296. | 13.6 | 6.2 | 73.9 | 5 | 353. | 7.0 | 3.8 | 70.6 |
| **Perinatal** | 760-779 | 1 | 75. | 2.6 | 1.5 | 74.5 | 4 | 298. | 13.7 | 6.2 | 74.5 | 5 | 373. | 7.4 | 3.8 | 74.5 |
| **Ext.Causes** | E800-999 | 19 | 683. | 23.6 | 11.8 | 35.9 | 4 | 195. | 8.9 | 4.7 | 48.6 | 23 | 877. | 17.3 | 8.2 | 38.1 |
| -M.V.Tr.Acc | E810-819 | 4 | 110. | 3.8 | 2.2 | 27.5 | 1 | 8. | 0.3 | 0.1 | 7.5 | 5 | 118. | 2.3 | 1.1 | 23.5 |
| -Poisoning | E850-869 | 1 | 23. | 0.8 | 0.3 | 22.5 | - | - | - | - | - | 1 | 23. | 0.4 | 0.2 | 22.5 |
| -Falls | E880-888 | 1 | 23. | 0.8 | 0.3 | 22.5 | - | - | - | - | - | 1 | 23. | 0.4 | 0.2 | 22.5 |
| -Suicide | E950-959 | 7 | 278. | 9.6 | 4.2 | 39.6 | 1 | 53. | 2.4 | 1.2 | 52.5 | 8 | 330. | 6.5 | 2.6 | 41.3 |
| **All Other Causes** | | 6 | 235. | 8.1 | 5.0 | 39.2 | 8 | 100. | 4.6 | 1.2 | 12.5 | 14 | 335. | 6.6 | 3.1 | 23.9 |
| **Total** | | 194 | 2887. | 100.0 | 46.7 | 14.9 | 129 | 2176. | 100.0 | 37.4 | 16.9 | 323 | 5063. | 100.0 | 41.9 | 15.7 |

NOTE: ( Standard Rates of PYLL /1,000 Population : Based on 1971 Canada Population from the Planning And Statistics Division, Ministry of Finance and Corporate Relations)
Totals listed at the bottom of table are based on all causes of death (001-E999) and are therefore not a simple summation of individual columns.

## Potential Years Of Life Lost By Health Unit, British Columbia, 1989
## ( For Age-Group : 0-75 )

**H.U. = 33 : North Shore**

| Cause of Death | | Male | | | | | Female | | | | | Total | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL | No. of Deaths | Total PYLL | % PYLL | STD Rate | Avg. PYLL |
| **Inf/Paras. D** | 001-139 | 7 | 218. | 5.3 | 2.7 | 31.1 | - | - | - | - | - | 7 | 218. | 3.2 | 1.3 | 31.1 |
| -AIDS/HIV rl. | 042-044 | 6 | 215. | 5.3 | 2.6 | 35.8 | - | - | - | - | - | 6 | 215. | 3.2 | 1.3 | 35.8 |
| **Cancer** | 140-208 | 101 | 1238. | 30.2 | 12.4 | 12.3 | 91 | 1278. | 47.5 | 13.0 | 14.0 | 192 | 2515. | 37.1 | 12.8 | 13.1 |
| -Lung | 162 | 22 | 260. | 6.3 | 2.6 | 11.8 | 20 | 155. | 5.8 | 1.4 | 7.8 | 42 | 415. | 6.1 | 2.0 | 9.9 |
| -Fem. Breast | 174 | - | - | - | - | - | 21 | 343. | 12.7 | 3.4 | 16.3 | 21 | 343. | 5.0 | 1.7 | 16.3 |
| -Colorectal | 153-154 | 12 | 150. | 3.7 | 1.5 | 12.5 | 5 | 58. | 2.1 | 0.6 | 11.5 | 17 | 208. | 3.1 | 1.0 | 12.2 |
| -Cervical | 180 | - | - | - | - | - | 2 | 30. | 1.1 | 0.3 | 15.0 | 2 | 30. | 0.4 | 0.2 | 15.0 |
| -Prostate | 185 | 12 | 110. | 2.7 | 1.0 | 9.2 | - | - | - | - | - | 12 | 110. | 1.6 | 0.5 | 9.2 |
| **End/Nut/Met.** | 240-279 | 2 | 30. | 0.7 | 0.3 | 15.0 | 4 | 25. | 0.9 | 0.2 | 6.3 | 6 | 55. | 0.8 | 0.3 | 9.2 |
| -Diabetes | 250 | 1 | 3. | 0.1 | - | 2.5 | 4 | 25. | 0.9 | 0.2 | 6.3 | 5 | 28. | 0.4 | 0.1 | 5.5 |
| **Circulatory** | 390-459 | 93 | 973. | 23.7 | 9.7 | 10.5 | 35 | 298. | 11.1 | 2.8 | 8.5 | 128 | 1270. | 18.7 | 6.2 | 9.9 |
| -Cor.Ht | 410-414,4292 | 57 | 623. | 15.2 | 6.2 | 10.9 | 18 | 105. | 3.9 | 0.9 | 5.8 | 75 | 728. | 10.7 | 3.5 | 9.7 |
| -C.V./St | 430-4,436-8 | 17 | 173. | 4.2 | 1.7 | 10.1 | 7 | 63. | 2.3 | 0.6 | 8.9 | 24 | 235. | 3.5 | 1.2 | 9.8 |
| -Arteries | 440-448 | 3 | 18. | 0.4 | 0.2 | 5.8 | 3 | 58. | 2.1 | 0.6 | 19.2 | 6 | 75. | 1.1 | 0.4 | 12.5 |
| **Respiratory** | 460-519 | 11 | 98. | 2.4 | 0.9 | 8.9 | 6 | 25. | 0.9 | 0.2 | 4.2 | 17 | 123. | 1.8 | 0.5 | 7.2 |
| -Pneu/Infl | 480-487 | 2 | 45. | 1.1 | 0.4 | 22.5 | 5 | 23. | 0.8 | 0.2 | 4.5 | 7 | 68. | 1.0 | 0.3 | 9.6 |
| -Chr. Lung | 491-2,496 | 7 | 43. | 1.0 | 0.4 | 6.1 | 1 | 3. | 0.1 | - | 2.5 | 8 | 45. | 0.7 | 0.2 | 5.6 |
| -Asthma | 493 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **Digestive** | 520-579 | 8 | 175. | 4.3 | 1.8 | 21.9 | 8 | 60. | 2.2 | 0.6 | 7.5 | 16 | 235. | 3.5 | 1.2 | 14.7 |
| -Chr.Liv/Cirr | 571 | 8 | 175. | 4.3 | 1.8 | 21.9 | 6 | 55. | 2.0 | 0.5 | 9.2 | 14 | 230. | 3.4 | 1.2 | 16.4 |
| **Cong. Anomaly** | 740-759 | 2 | 117. | 2.9 | 1.8 | 58.5 | 2 | 95. | 3.5 | 1.3 | 47.5 | 4 | 212. | 3.1 | 1.5 | 53.0 |
| **Perinatal** | 760-779 | 1 | 75. | 1.8 | 1.3 | 74.5 | 2 | 149. | 5.5 | 2.7 | 74.5 | 3 | 224. | 3.3 | 2.0 | 74.5 |
| **Ext.Causes** | E800-999 | 20 | 607. | 14.8 | 8.1 | 30.3 | 20 | 589. | 21.9 | 7.2 | 29.4 | 40 | 1196. | 17.6 | 7.7 | 29.9 |
| -M.V.Tr.Acc | E810-819 | 6 | 267. | 6.5 | 3.9 | 44.5 | 5 | 143. | 5.3 | 1.4 | 28.5 | 11 | 410. | 6.0 | 2.7 | 37.2 |
| -Poisoning | E850-869 | 1 | 13. | 0.3 | 0.1 | 12.5 | 2 | 70. | 2.6 | 0.7 | 35.0 | 3 | 83. | 1.2 | 0.4 | 27.5 |
| -Falls | E880-888 | - | - | - | - | - | 1 | 13. | 0.5 | 0.1 | 12.5 | 1 | 13. | 0.2 | 0.1 | 12.5 |
| -Suicide | E950-959 | 10 | 285. | 7.0 | 3.6 | 28.5 | 7 | 158. | 5.9 | 1.5 | 22.5 | 17 | 443. | 6.5 | 2.5 | 26.0 |
| **All Other Causes** | | 19 | 567. | 13.8 | 9.4 | 29.8 | 12 | 172. | 6.4 | 2.3 | 14.3 | 31 | 739. | 10.9 | 5.9 | 23.8 |
| **Total** | | 264 | 4095. | 100.0 | 48.4 | 15.5 | 180 | 2690. | 100.0 | 30. | 14.9 | 444 | 6785. | 100.0 | 39.3 | 15.3 |

NOTE: ( Standard Rates of PYLL /1,000 Population : Based on 1971 Canada Population from the Planning And Statistics Division, Ministry of Finance and Corporate Relations)
Totals listed at the bottom of table are based on all causes of death (001-E999) and are therefore not a simple summation of individual columns.

Appendix 2